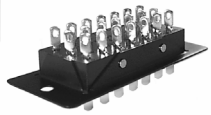
# Beau™ Power Connectors Index

## Panel Mount Plugs and Sockets



**Angle Bracket, Angle Bracket Tapped, Without Angle Bracket**


38330, 38336 ..... p. 2-3
38540 ..... p. 16-17

**Shallow Bracket**


38330 ..... p. 4-5
38542 ..... p. 18-19




**Deep Bracket**


38330, 38336 ..... p. 6-7
38540 ..... p. 20-21


## Cable Mount Plugs and Sockets



**Cable Clamp End**


38331, 38336 ..... p. 8-9
38541 ..... p. 22-23




**Cable Clamp Top, Cable Clamp Top with Keeper, Cable Clamp Top with Latch**


38330, 38331, 38336 ..... p. 10-11
38541 ..... p. 24-25




**Flared Hole End**


38330, 38336 ..... p. 12-13
38540 ..... p. 26-27




**Flared Hole Top**


38330, 38331, 38336 ..... p. 14-15
38540 ..... p. 28-29

# FEATURES AND SPECIFICATIONS

## Features and Benefits

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

## Reference Information

UL : File E34763
CSA: File 22156

## Electrical

Voltage: 250V
Maximum Current: 10 Amp

## Mechanical

Operating Temperature: 150°C

## Physical

Base Insulator: High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

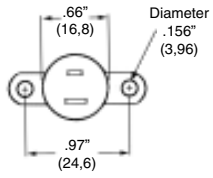
# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

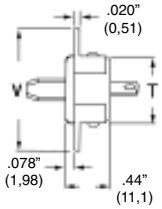
## 38330, 38336
## Angled Bracket (AB)
## Angle Bracket Tapped (ABT)
## Less Angle Bracket (LAB)



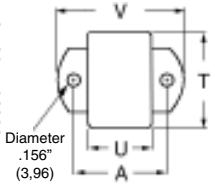
## SUGGESTED PANEL MOUNTING DIMENSIONS

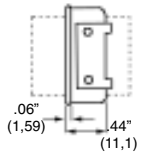
38330-XX02



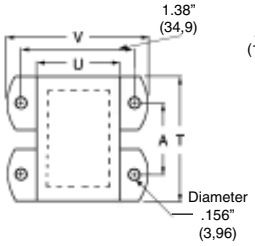




38330-XX03-15




38330-XX18-33



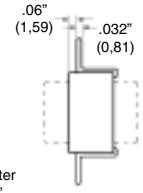




**Fig. D**

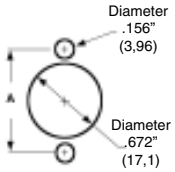



**Fig. E**

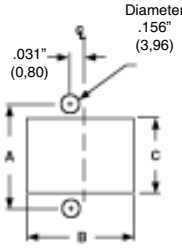



**Fig. F**

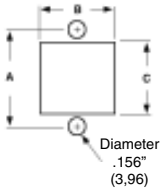
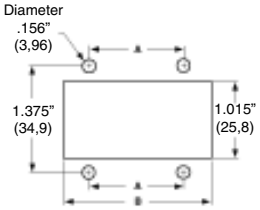


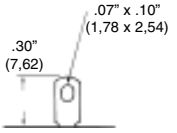

**Fig. G**




## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles

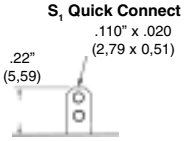
**P Solder Eye (Standard)**



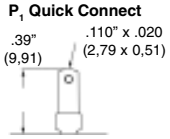

**$P_7$ Printed Circuit and Wire Wrap, Short**



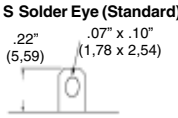

**$S_1$ Quick Connect**



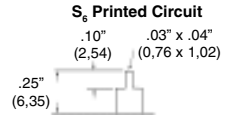

**$P_1$ Quick Connect**



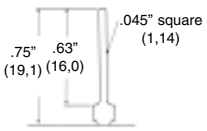

**S Solder Eye (Standard)**




**$S_6$ Printed Circuit**



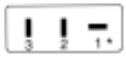

**$P_4$ Wire Wrap, Long**




### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333. * Indicates location of pre-grounding contact. † Pregrounding contact is standard.

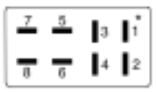

38330-XX02

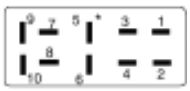

38330-XX03

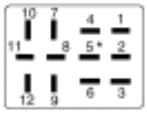

38330-XX04

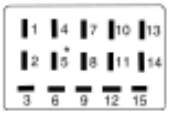

38330-XX06


38336-8XXX

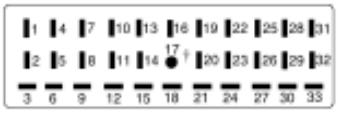

38330-XX08


38330-XX10


38330-XX12


38330-XX15 to 38330-XX21


38330-XX24 to 38330-XX30


38330-XX33

molex®

# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

## 38330, 38336

| Part# | T | | U | | V | |
|---|---|---|---|---|---|---|
| | in | mm | in | mm | in | mm |
| 3302* | 0.66 | 16,7 | -- | -- | 1.27 | 32,1 |
| 3303 | 1.00 | 25,4 | .44 | 11,1 | 1.06 | 27,0 |
| 3304 | 0.75 | 19,1 | .69 | 17,5 | 1.31 | 33,3 |
| 3306 | 1.00 | 25,4 | .69 | 17,5 | 1.31 | 33,3 |
| 3306-8 | 1.00 | 25,4 | .69 | 17,5 | 1.31 | 33,3 |
| 3308 | 1.25 | 31,8 | .69 | 17,5 | 1.31 | 33,3 |
| 3310 | 1.56 | 39,7 | .69 | 17,5 | 1.31 | 33,3 |
| 3312 | 1.25 | 31,8 | .94 | 23,8 | 1.56 | 39,7 |
| 3315 | 1.63 | 41,3 | 1.00 | 25,4 | 1.69 | 42,9 |
| 3318 | 1.94 | 49,2 | 1.00 | 25,4 | 1.69 | 42,9 |
| 3321 | 2.25 | 57,2 | 1.00 | 25,4 | 1.69 | 42,9 |
| 3324 | 2.56 | 65,1 | 1.00 | 25,4 | 1.69 | 42,9 |
| 3327 | 2.88 | 73,0 | 1.00 | 25,4 | 1.69 | 42,9 |
| 3330 | 3.19 | 81,0 | 1.00 | 25,4 | 1.69 | 42,9 |
| 3333 | 3.50 | 88,9 | 1.00 | 25,4 | 1.69 | 42,9 |

| Part # | Fig.# | A | | B | | C | |
|---|---|---|---|---|---|---|---|
| | | in | mm | in | mm | in | mm |
| 3302* | D | .969 | 24,6 | -- | -- | -- | -- |
| 3303 | E | .750 | 19,1 | 1.016 | 25,8 | .453 | 11,5 |
| 3304 | F | 1.000 | 25,4 | .781 | 19,8 | .719 | 18,3 |
| 3306 | E | 1.000 | 25,4 | 1.031 | 26,2 | .719 | 18,3 |
| 3306-8 | E | 1.000 | 25,4 | 1.031 | 26,2 | .719 | 18,3 |
| 3308 | F | 1.000 | 25,4 | 1.281 | 32,5 | .719 | 18,3 |
| 3310 | F | 1.000 | 25,4 | 1.578 | 40,1 | .719 | 18,3 |
| 3312 | F | 1.250 | 31,8 | 1.266 | 32,2 | .953 | 24,2 |
| 3315 | F | 1.375 | 34,9 | 1.640 | 41,7 | 1.016 | 25,8 |
| 3318 | G | 1.250 | 31,8 | 1.953 | 49,6 | -- | -- |
| 3321 | G | .938 | 23,8 | 2.265 | 57,5 | -- | -- |
| 3324 | G | 1.250 | 31,8 | 2.578 | 65,5 | -- | -- |
| 3327 | G | 1.562 | 39,7 | 2.890 | 73,4 | -- | -- |
| 3330 | G | 1.875 | 47,6 | 3.203 | 81,4 | -- | -- |
| 3333 | G | 2.188 | 55,6 | 3.515 | 89,3 | -- | -- |

## PLUGS

| Angle Bracket (-AB) | | Angle Bracket Tapped (-ABT) | | Less Angle Bracket (-LAB) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38330-0102 | P-3302-AB | 38330-1502 | P-3302-ABT | 38330-2202 | P-3302-LAB |
| 38330-0103 | P-3303-AB | 38330-1503 | P-3303-ABT | 38330-2203 | P-3303-LAB |
| 38330-0104 | P-3304-AB | 38330-1504 | P-3304-ABT | 38330-2204 | P-3304-LAB |
| 38330-0106 | P-3306-AB | 38330-1506 | P-3306-ABT | 38330-2206 | P-3306-LAB |
| 38336-8001 | P-3306-8-AB | 38336-8015 | P-3306-8-ABT | 38336-8022 | P-3306-8-LAB |
| 38330-0108 | P-3308-AB | 38330-1508 | P-3308-ABT | 38330-2208 | P-3308-LAB |
| 38330-0110 | P-3310-AB | 38330-1510 | P-3310-ABT | 38330-2210 | P-3310-LAB |
| 38330-0112 | P-3312-AB | 38330-1512 | P-3312-ABT | 38330-2212 | P-3312-LAB |
| 38330-0115 | P-3315-AB | 38330-1515 | P-3315-ABT | 38330-2215 | P-3315-LAB |
| 38330-0118 | P-3318-AB | 38330-1518 | P-3318-ABT | 38330-2218 | P-3318-LAB |
| 38330-0121 | P-3321-AB | 38330-1521 | P-3321-ABT | 38330-2221 | P-3321-LAB |
| 38330-0124 | P-3324-AB | 38330-1524 | P-3324-ABT | 38330-2224 | P-3324-LAB |
| 38330-0127 | P-3327-AB | 38330-1527 | P-3327-ABT | 38330-2227 | P-3327-LAB |
| 38330-0130 | P-3330-AB | 38330-1530 | P-3330-ABT | 38330-2230 | P-3330-LAB |
| 38330-0133 | P-3333-AB | 38330-1533 | P-3333-ABT | 38330-2233 | P-3333-LAB |

## SOCKETS

| Angle Bracket (-AB) | | Angle Bracket Tapped (-ABT) | | Less Angle Bracket (-LAB) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38330-0502 | S-3302-AB | 38330-1902 | S-3302-ABT | 38330-2602 | S-3302-LAB |
| 38330-0503 | S-3303-AB | 38330-1903 | S-3303-ABT | 38330-2603 | S-3303-LAB |
| 38330-0504 | S-3304-AB | 38330-1904 | S-3304-ABT | 38330-2604 | S-3304-LAB |
| 38330-0506 | S-3306-AB | 38330-1906 | S-3306-ABT | 38330-2606 | S-3306-LAB |
| 38336-8005 | S-3306-8-AB | 38336-8019 | S-3306-8-ABT | 38336-8026 | S-3306-8-LAB |
| 38330-0508 | S-3308-AB | 38330-1908 | S-3308-ABT | 38330-2608 | S-3308-LAB |
| 38330-0510 | S-3310-AB | 38330-1910 | S-3310-ABT | 38330-2610 | S-3310-LAB |
| 38330-0512 | S-3312-AB | 38330-1912 | S-3312-ABT | 38330-2612 | S-3312-LAB |
| 38330-0515 | S-3315-AB | 38330-1915 | S-3315-ABT | 38330-2615 | S-3315-LAB |
| 38330-0518 | S-3318-AB | 38330-1918 | S-3318-ABT | 38330-2618 | S-3318-LAB |
| 38330-0521 | S-3321-AB | 38330-1921 | S-3321-ABT | 38330-2621 | S-3321-LAB |
| 38330-0524 | S-3324-AB | 38330-1924 | S-3324-ABT | 38330-2624 | S-3324-LAB |
| 38330-0527 | S-3327-AB | 38330-1927 | S-3327-ABT | 38330-2627 | S-3327-LAB |
| 38330-0530 | S-3330-AB | 38330-1930 | S-3330-ABT | 38330-2630 | S-3330-LAB |
| 38330-0533 | S-3333-AB | 38330-1933 | S-3333-ABT | 38330-2633 | S-3333-LAB |

## FEATURES AND SPECIFICATIONS

# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

### *Features and Benefits*

- Sizes 15 to 33 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Reference Information*

UL : File E34763
CSA: File 22156

### *Electrical*

Voltage: 250V
Maximum Current: 10 Amp

### *Mechanical*

Operating Temperature: 150ºC

### *Physical*

Base Insulator:High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

## 38330
## Shallow Bracket (SB)





## SUGGESTED PANEL MOUNTING DIMENSIONS

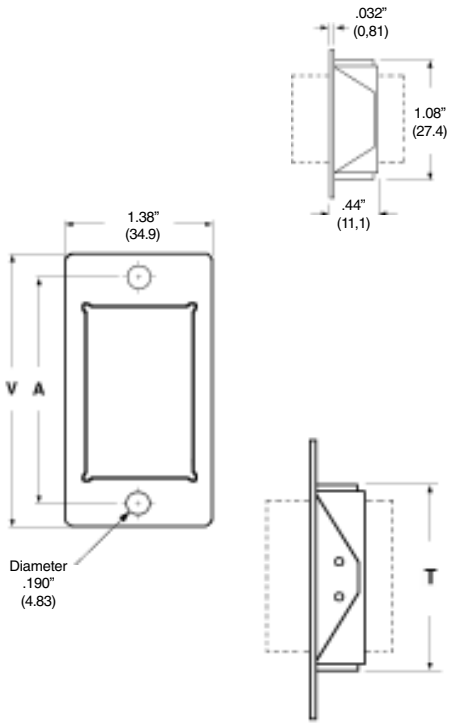
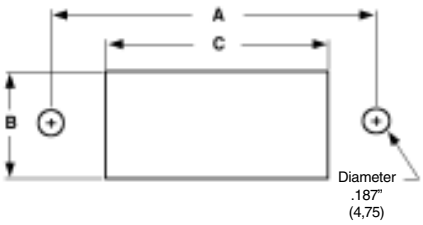
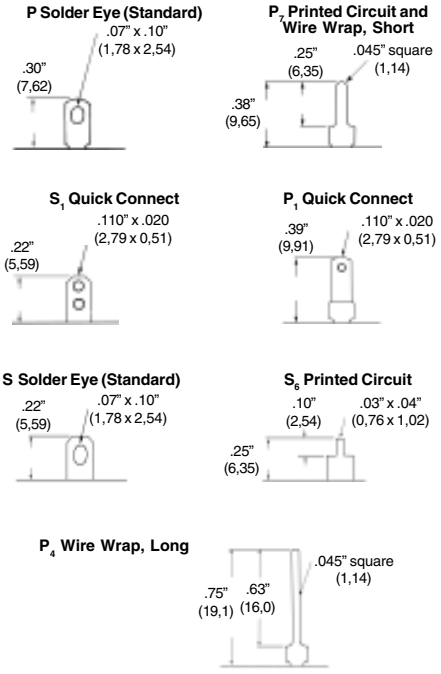



Fig.K



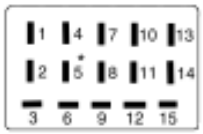

## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles

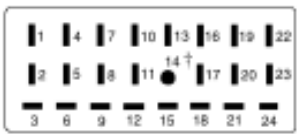



### Contact Orientation

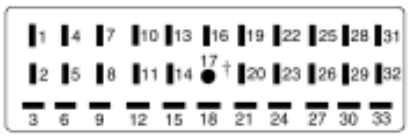
The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.




38330-XX15 to 38330-XX21




38330-XX24 to 38330-XX30




38330-XX33

* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

## ORDERING INFORMATION AND DIMENSIONS

# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

## 38330

| Part# | T | | V | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 3315 | 1.69 | 42.9 | 2.55 | 58.7 |
| 3318 | 2.00 | 50.8 | 2.86 | 66.7 |
| 3321 | 2.31 | 58.7 | 3.17 | 74.6 |
| 3324 | 2.63 | 66.7 | 3.48 | 82.6 |
| 3327 | 2.94 | 74.6 | 3.80 | 90.5 |
| 3330 | 3.25 | 82.6 | 4.11 | 98.4 |
| 3333 | 3.56 | 90.5 | 4.42 | 106 |

| Part # | Fig. # | A | | B | | C | |
|---|---|---|---|---|---|---|---|
| | | in | mm | in | mm | in | mm |
| 3315 | K | 2.125 | 54,0 | 1.156 | 29,4 | 1.750 | 44,5 |
| 3318 | K | 2.437 | 61,9 | 1.156 | 29,4 | 2.062 | 52,4 |
| 3321 | K | 2.750 | 69,9 | 1.156 | 29,4 | 2.375 | 60,3 |
| 3324 | K | 3.062 | 77,8 | 1.156 | 29,4 | 2.687 | 68,2 |
| 3327 | K | 3.375 | 85,7 | 1.156 | 29,4 | 3.000 | 76,2 |
| 3330 | K | 3.687 | 93,6 | 1.156 | 29,4 | 3.312 | 84,1 |
| 3333 | K | 4.000 | 102 | 1.156 | 29,4 | 3.625 | 92,1 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Shallow Bracket (-SB) | | Shallow Bracket (-SB) | |
| Order # | Engineering # | Order # | Engineering # |
| 38330-6415 | P-3315-SB | 38330-6815 | S-3315-SB |
| 38330-6418 | P-3318-SB | 38330-6818 | S-3318-SB |
| 38330-6421 | P-3321-SB | 38330-6821 | S-3321-SB |
| 38330-6424 | P-3324-SB | 38330-6824 | S-3324-SB |
| 38330-6427 | P-3327-SB | 38330-6827 | S-3327-SB |
| 38330-6430 | P-3330-SB | 38330-6830 | S-3330-SB |
| 38330-6433 | P-3333-SB | 38330-6833 | S-3333-SB |

# FEATURES AND SPECIFICATIONS

# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

## 38330, 38336
## Deep Bracket





### *Features and Benefits*

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Reference Information*

UL : File E34763
CSA: File 22156

### *Electrical*

Voltage: 250V
Maximum Current: 10 Amp

### *Mechanical*

Operating Temperature: 150°C

### *Physical*

Base Insulator: High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

## SUGGESTED PANEL MOUNTING DIMENSIONS

3302-3312

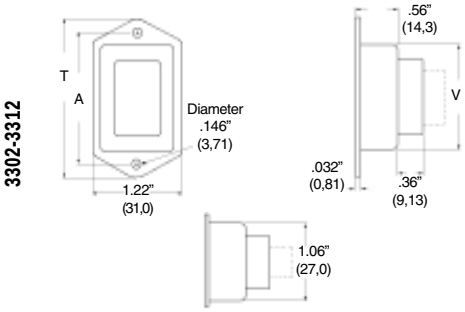
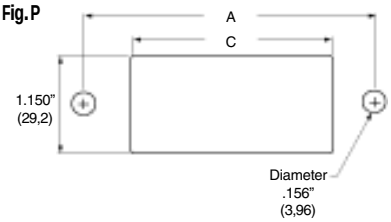



Fig. P




3315-3333

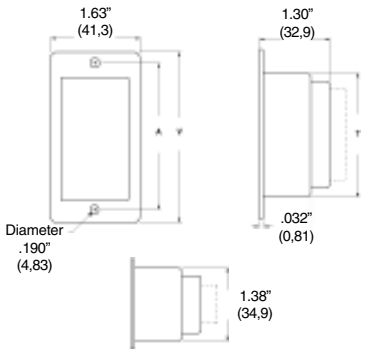
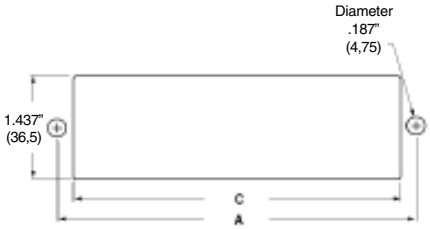
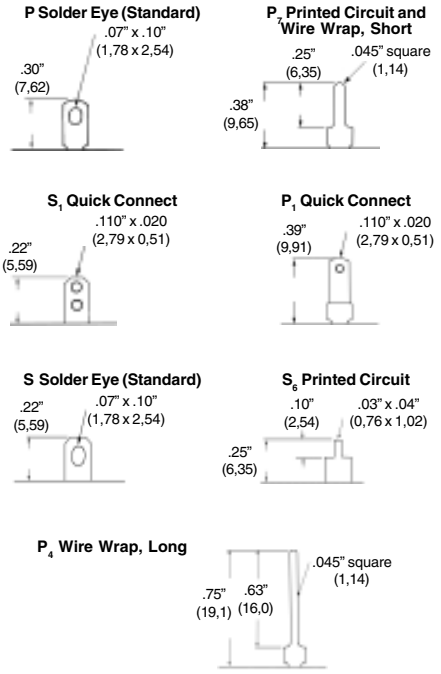



Fig. Q




## CONTACT TAILS

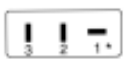
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles




### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.


38330-XX02

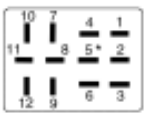

38330-XX03

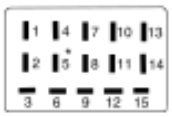

38330-XX04

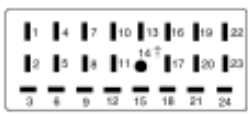

38330-XX06

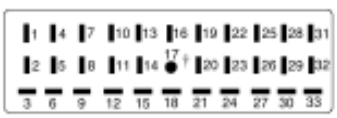

38336-8XXX


38330-XX08


38330-XX12


38330-XX15 to 38330-XX21


38330-XX24 to 38330-XX30


38330-XX33

* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

## ORDERING INFORMATION AND DIMENSIONS

# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

## 38330, 38336

| Part# | T | | V | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 3302* | 1.38 | 34.9 | 2.11 | 53.6 |
| 3303 | 1.38 | 34.9 | 2.11 | 53.6 |
| 3304 | 1.38 | 34.9 | 2.11 | 53.6 |
| 3306 | 1.38 | 34.9 | 2.11 | 53.6 |
| 3306-8 | 1.38 | 34.9 | 2.11 | 53.6 |
| 3308 | 1.38 | 34.9 | 2.11 | 53.6 |
| 3312 | 1.38 | 34.9 | 2.11 | 53.6 |
| 3315 | 2.00 | 50.8 | 2.81 | 71.4 |
| 3318 | 2.31 | 58.7 | 3.13 | 79.4 |
| 3321 | 2.63 | 66.7 | 3.44 | 87.3 |
| 3324 | 2.94 | 74.6 | 3.75 | 95.3 |
| 3327 | 3.25 | 82.6 | 4.06 | 103 |
| 3330 | 3.56 | 90.5 | 4.38 | 111 |
| 3333 | 3.88 | 98.4 | 4.69 | 119 |

| Part# | Fig. # | A | | C | |
|---|---|---|---|---|---|
| | | in | mm | in | mm |
| 3302* | P | 1.750 | 44.5 | 1.500 | 38.1 |
| 3303 | P | 1.750 | 44.5 | 1.500 | 38.1 |
| 3304 | P | 1.750 | 44.5 | 1.500 | 38.1 |
| 3306 | P | 1.750 | 44.5 | 1.500 | 38.1 |
| 3306-8 | P | 1.750 | 44.5 | 1.500 | 38.1 |
| 3308 | P | 1.750 | 44.5 | 1.500 | 38.1 |
| 3312 | P | 1.750 | 44.5 | 1.500 | 38.1 |
| 3315 | Q | 2.375 | 60.3 | 2.000 | 50.8 |
| 3318 | Q | 2.687 | 68.2 | 2.312 | 58.7 |
| 3321 | Q | 3.000 | 76.2 | 2.625 | 66.7 |
| 3324 | Q | 3.312 | 84.1 | 2.937 | 74.6 |
| 3327 | Q | 3.625 | 92.1 | 3.250 | 82.6 |
| 3330 | Q | 3.937 | 100 | 3.562 | 90.5 |
| 3333 | Q | 4.250 | 108 | 3.875 | 98.4 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Deep Bracket (-DB) | | Deep Bracket (-DB) | |
| Order # | Engineering # | Order # | Engineering # |
| 38330-5702 | P-3302-DB | 38330-6102 | S-3302-DB |
| 38330-5703 | P-3303-DB | 38330-6103 | S-3303-DB |
| 38330-5704 | P-3304-DB | 38330-6104 | S-3304-DB |
| 38330-5706 | P-3306-DB | 38330-6106 | S-3306-DB |
| 38336-8057 | P-3306-8-DB | 38336-8061 | S-3306-8-DB |
| 38330-5708 | P-3308-DB | 38330-6108 | S-3308-DB |
| 38330-5712 | P-3312-DB | 38330-6112 | S-3312-DB |
| 38330-5715 | P-3315-DB | 38330-6115 | S-3315-DB |
| 38330-5718 | P-3318-DB | 38330-6118 | S-3318-DB |
| 38330-5721 | P-3321-DB | 38330-6121 | S-3321-DB |
| 38330-5724 | P-3324-DB | 38330-6124 | S-3324-DB |
| 38330-5727 | P-3327-DB | 38330-6127 | S-3327-DB |
| 38330-5730 | P-3330-DB | 38330-6130 | S3330-DB |
| 38330-5733 | P-3333-DB | 38330-6133 | S-3333-DB |

## FEATURES AND SPECIFICATIONS

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

### *Features and Benefits*

- Sizes 3 to 33 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.
- Strain relief cable clamps, used with round or flat cable

### *Electrical*

Voltage: 250V
Maximum Current: 10 Amp

### *Mechanical*

Operating Temperature: 110°C

### *Physical*

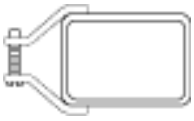
Base Insulator: High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin

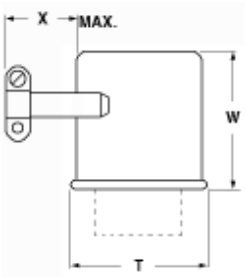
### *Reference Information*

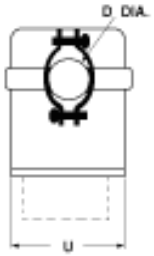
UL : File E34763 CSA: File 22156

## 38331, 38336
## Cable Clamp End (CCE)



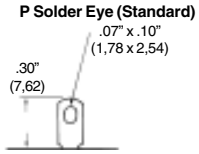


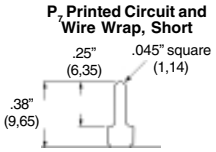


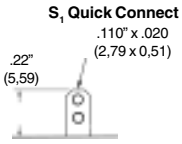



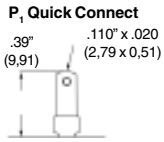

## CONTACT TAILS

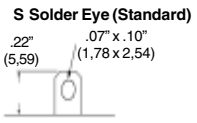
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles

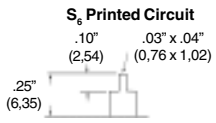


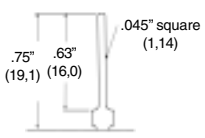



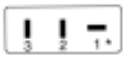




**Contact Orientation**

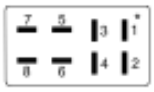
The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.

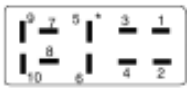

38330-XX03

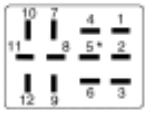

38330-XX04

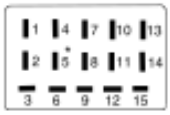

38330-XX06


38336-8XXX

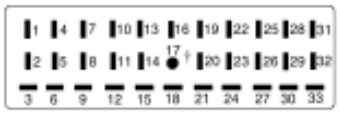

38330-XX08


38330-XX10


38330-XX12


38330-XX15 to 38330-XX21


38330-XX24 to 38330-XX30


38330-XX33

* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

## ORDERING INFORMATION AND DIMENSIONS

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

## 38330, 38336

| Part# | D | | T | | U | | W | | X | |
|---|---|---|---|---|---|---|---|---|---|---|
| | in | mm | in | mm | in | mm | in | mm | in | mm |
| 3303 | .31 | 7.9 | 1.00 | 25.4 | .44 | 11.1 | .97 | 24,6 | .50 | 12.7 |
| 3304 | .38 | 9.5 | .75 | 25.4 | .69 | 17.5 | .97 | 24,6 | .50 | 12.7 |
| 3306 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7 |
| 3306-8 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7 |
| 3308 | .50 | 12.7 | 1.25 | 31.8 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7 |
| 3310 | .50 | 12.7 | 1.56 | 39.7 | .69 | 17.5 | 1.19 | 30,2 | .50 | 12.7 |
| 3312 | .56 | 14.3 | 1.25 | 31.8 | .94 | 23.8 | 1.19 | 30,2 | .50 | 12.7 |
| 3315 | .56 | 14.3 | 1.78 | 45.2 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3318 | .56 | 14.3 | 2.08 | 52.8 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3321 | .63 | 15.9 | 2.34 | 59.5 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3324 | .63 | 15.9 | 2.78 | 70.6 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3327 | .63 | 15.9 | 3.00 | 76.2 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3330 | .75 | 19.0 | 3.34 | 84.9 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3333 | .75 | 19.0 | 3.66 | 92.9 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |

| For Connector size | Clamp opening dia., in. (mm) | | Clamp Number |
|---|---|---|---|
| | min | max | |
| Standard Clamps Sizes | | | |
| 3833X-XX02 | .13″ (3,3) | .38″ (9,7) | - |
| 3833X-XX03 | .13″ (3,3) | .38″ (9,7) | - |
| 3833X-XX04 thru 3833X-XX12 | .22″ (5,6) | .50″ (12,7) | - |
| 3833X-XX15 thru 3833X-XX18 | .38″ (9,7) | .72″ (18,3) | - |
| 3833X-XX21 thru 3833X-XX33 | .38″ (9,7) | .84″ (21,3) | - |
| Clamp Options | | | |
| 3833X-XX15 thru 3833X-XX33 | .45″ (11,4) | .91″ (23,1) | 78 |
| 3833X-XX15 thru 3833X-XX33 for | .38″ (9,7) | .72″ (18,3) | 47 |
| Mating with Deep Bracket (DB) | | | |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Cable Clamp End (CCE) | | Cable Clamp End (CCE) | |
| Order # | Engineering # | Order # | Engineering # |
| 38331-1403 | P-3303-CCE | 38331-3803 | S-3303-CCE |
| 38331-1404 | P-3304-CCE | 38331-3804 | S-3304-CCE |
| 38331-1406 | P-3306-CCE | 38331-3806 | S-3306-CCE |
| 38336-8114 | P-3306-8-CCE | 38336-8138 | S-3306-8-CCE |
| 38331-1408 | P-3308-CCE | 38331-3808 | S-3308-CCE |
| 38331-1410 | P-3310-CCE | 38331-3810 | S-3310-CCE |
| 38331-1412 | P-3312-CCE | 38331-3812 | S-3312-CCE |
| 38331-1415 | P-3315-CCE | 38331-3815 | S-3315-CCE |
| 38331-1418 | P-3318-CCE | 38331-3818 | S-3318-CCE |
| 38331-1421 | P-3321-CCE | 38331-3821 | S-3321-CCE |
| 38331-1424 | P-3324-CCE | 38331-3824 | S-3324-CCE |
| 38331-1427 | P-3327-CCE | 38331-3827 | S-3327-CCE |
| 38331-1430 | P-3330-CCE | 38331-3830 | S-3330-CCE |
| 38331-1433 | P-3333-CCE | 38331-3833 | S-3333-CCE |

# FEATURES AND SPECIFICATIONS

## Beau™ Power Connectors
## Cable Mount Plugs and Sockets

### 38330, 38331, 38336
### Cable Clamp Top (CCT)
### Cable Clamp Top w/Keeper (CCT-K)
### Cable Clamp Top w/ Latch (CCT-L)





### *Features and Benefits*

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Reference Information*

UL : File E34763
CSA: File 22156

### *Electrical*

Voltage: 250V
Maximum Current: 10 Amp

### *Mechanical*

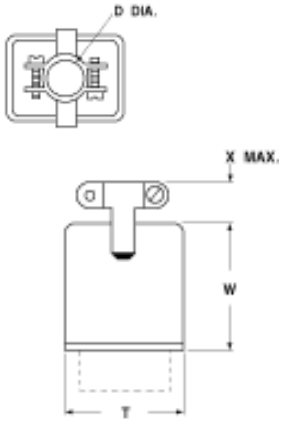
Operating Temperature: 110ºC

### *Physical*

Base Insulator:High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

## OPTIONS

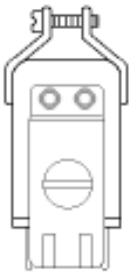
For connecting two cable-mounted connectors, plug and socket can be equipped with either a latch (-L) or keeper (-K)>

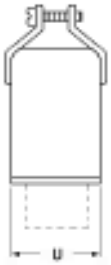



**Keeper (-K)**



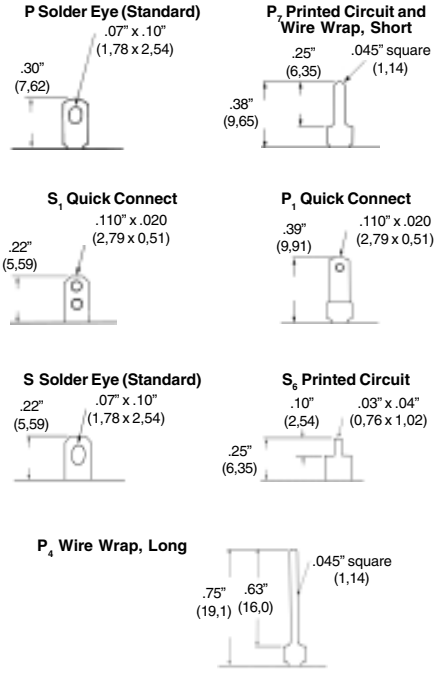
**Latch (-L)**






## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles




**Contact Orientation**

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.




* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

## ORDERING INFORMATION AND DIMENSIONS

molex®

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

**38330, 38336, 38336**

| Part# | D | | T | | U | | W | | X | |
|---|---|---|---|---|---|---|---|---|---|---|
| | in | mm | in | mm | in | mm | in | mm | in | mm |
| 3302 | .38 | 9.5 | .66 | 16.7 | – | – | .97 | 24.6 | .50 | 12.7 |
| 3303 | .31 | 7.9 | 1.00 | 25.4 | .44 | 11.1 | .97 | 24,6 | .50 | 12.7 |
| 3304 | .38 | 9.5 | .75 | 25.4 | .69 | 17.5 | .97 | 24,6 | .50 | 12.7 |
| 3306 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7- |
| 3306-8 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7 |
| 3308 | .50 | 12.7 | 1.25 | 31.8 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7 |
| 3310 | .50 | 12.7 | 1.56 | 39.7 | .69 | 17.5 | 1.19 | 30,2 | .50 | 12.7 |
| 3312 | .56 | 14.3 | 1.25 | 31.8 | .94 | 23.8 | 1.19 | 30,2 | .50 | 12.7 |
| 3315 | .56 | 14.3 | 1.78 | 45.2 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3318 | .56 | 14.3 | 2.08 | 52.8 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3321 | .63 | 15.9 | 2.34 | 59.5 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3324 | .63 | 15.9 | 2.78 | 70.6 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3327 | .63 | 15.9 | 3.00 | 76.2 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3330 | .75 | 19.0 | 3.34 | 84.9 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3333 | .75 | 19.0 | 3.66 | 92.9 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |

| For Connector size | Clamp opening dia., in. (mm) | | | | Clamp Number |
|---|---|---|---|---|---|
| | min | | max | | |
| Standard Clamps Sizes | | | | | |
| 3833X-XX02 | .13″ | (3,3) | .38″ | (9,7) | - |
| 3833X-XX03 | .13″ | (3,3) | .38″ | (9,7) | - |
| 3833X-XX04 thru 3833X-XX12 | .22″ | (5,6) | .50″ | (12,7) | - |
| 3833X-XX15 thru 3833X-XX18 | .38″ | (9,7) | .72″ | (18,3) | - |
| 3833X-XX21 thru 3833X-XX33 | .38″ | (9,7) | .84″ | (21,3) | - |
| Clamp Option | | | | | |
| 3833X-XX15 thru 3833X-XX33 | .45″ | (11,4) | .91″ | (23,1) | 78 |

## PLUGS

| Cable Clamp Top (-CCT) | | Cable Clamp Top w/Keeper (-CCT-K) | | Cable Clamp Top w/Latch (-CCT-L) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38331-5602 | P-3302-CCT | 38331-6002 | P-3302-CCT-K | 38331-5802 | P-3302-CCT-L |
| 38331-5603 | P-3303-CCT | 38331-6003 | P-3303-CCT-K | 38331-5803 | P-3303-CCT-L |
| 38331-5604 | P-3304-CCT | 38331-6004 | P-3304-CCT-K | 38331-5804 | P-3304-CCT-L |
| 38331-5606 | P-3306-CCT | 38331-6006 | P-3306-CCT-K | 38331-5806 | P-3306-CCT-L |
| 38336-8156 | P-3306-8-CCT | 38336-8160 | P-3306-8-CCT-K | 38336-8158 | P-3306-8-CCT-L |
| 38331-5608 | P-3308-CCT | 38331-6008 | P-3308-CCT-K | 38331-5808 | P-3308-CCT-L |
| 38331-5610 | P-3310-CCT | 38331-6010 | P-3310-CCT-K | 38331-5810 | P-3310-CCT-L |
| 38331-5612 | P-3312-CCT | 38331-6012 | P-3312-CCT-K | 38331-5812 | P-3312-CCT-L |
| 38331-5615 | P-3315-CCT | 38331-6015 | P-3315-CCT-K | 38331-5815 | P-3315-CCT-L |
| 38331-5618 | P-3318-CCT | 38331-6018 | P-3318-CCT-K | 38331-5818 | P-3318-CCT-L |
| 38331-5621 | P-3321-CCT | 38331-6021 | P-3321-CCT-K | 38331-5821 | P-3321-CCT-L |
| 38331-5624 | P-3324-CCT | 38331-6024 | P-3324-CCT-K | 38331-5824 | P-3324-CCT-L |
| 38331-5627 | P-3327-CCT | 38331-6027 | P-3327-CCT-K | 38331-5827 | P-3327-CCT-L |
| 38331-5630 | P-3330-CCT | 38331-6030 | P-3330-CCT-K | 38331-5830 | P-3330-CCT-L |
| 38331-5633 | P-3333-CCT | 38331-6033 | P-3333-CCT-K | 38331-5833 | P-3333-CCT-L |

## SOCKETS

| Cable Clamp Top (-CCT) | | Cable Clamp Top w/Keeper (-CCT-K) | | Cable Clamp Top w/Latch (-CCT-L) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38331-8002 | S-3302-CCT | 38331-8402 | S-3302-CCT-K | 38331-8202 | S-3302-CCT-L |
| 38331-8003 | S-3303-CCT | 38331-8403 | S-3303-CCT-K | 38331-8203 | S-3303-CCT-L |
| 38331-8004 | S-3304-CCT | 38331-8404 | S-3304-CCT-K | 38331-8204 | S-3304-CCT-L |
| 38331-8006 | S-3306-CCT | 38331-8406 | S-3306-CCT-K | 38331-8206 | S-3306-CCT-L |
| 38336-8180 | S-3306-8-CCT | 38336-8184 | S-3306-8-CCT-K | 38336-8182 | S-3306-8-CCT-L |
| 38331-8008 | S-3308-CCT | 38331-8408 | S-3308-CCT-K | 38331-8208 | S-3308-CCT-L |
| 38331-8010 | S-3310-CCT | 38331-8410 | S-3310-CCT-K | 38331-8210 | S-3310-CCT-L |
| 38331-8012 | S-3312-CCT | 38331-8412 | S-3312-CCT-K | 38331-8212 | S-3312-CCT-L |
| 38331-8015 | S-3315-CCT | 38331-8415 | S-3315-CCT-K | 38331-8215 | S-3315-CCT-L |
| 38331-8018 | S-3318-CCT | 38331-8418 | S-3318-CCT-K | 38331-8218 | S-3318-CCT-L |
| 38331-8021 | S-3321-CCT | 38331-8421 | S-3321-CCT-K | 38331-8221 | S-3321-CCT-L |
| 38331-8024 | S-3324-CCT | 38331-8424 | S-3324-CCT-K | 38331-8224 | S-3324-CCT-L |
| 38331-8027 | S-3327-CCT | 38331-8427 | S-3327-CCT-K | 38331-8227 | S-3327-CCT-L |
| 38331-8030 | S-3330-CCT | 38331-8430 | S-3330-CCT-K | 38331-8230 | S-3330-CCT-L |
| 38331-8033 | S-3333-CCT | 38331-8433 | S-3333-CCT-K | 38331-8233 | S-3333-CCT-L |

## FEATURES AND SPECIFICATIONS

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

## 38330, 38336
## Flared Hole End (FHE)



### *Features and Benefits*

- Sizes 3 to 33 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Reference Information*

UL : File E34763
CSA: File 22156

### *Electrical*

Voltage: 250V
Maximum Current: 10 Amp

### *Mechanical*

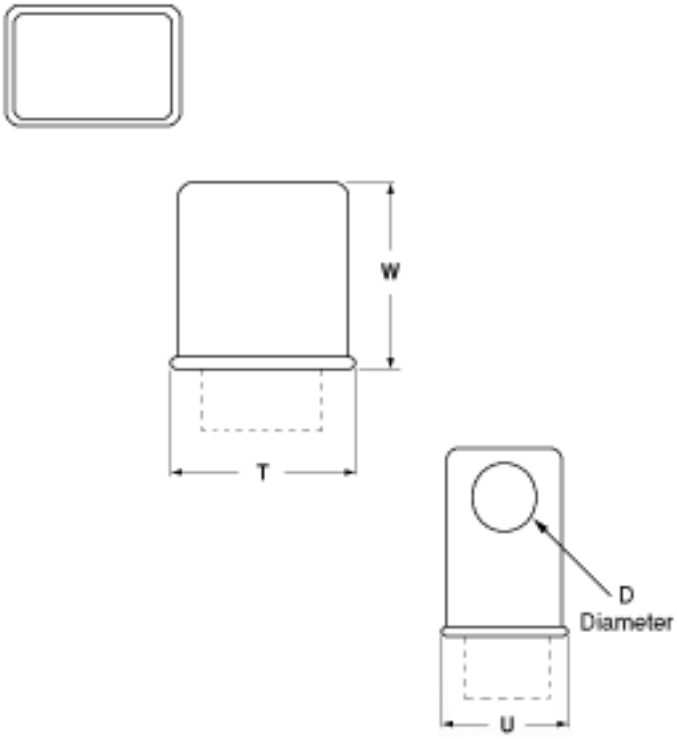
Operating Temperature: 110°C

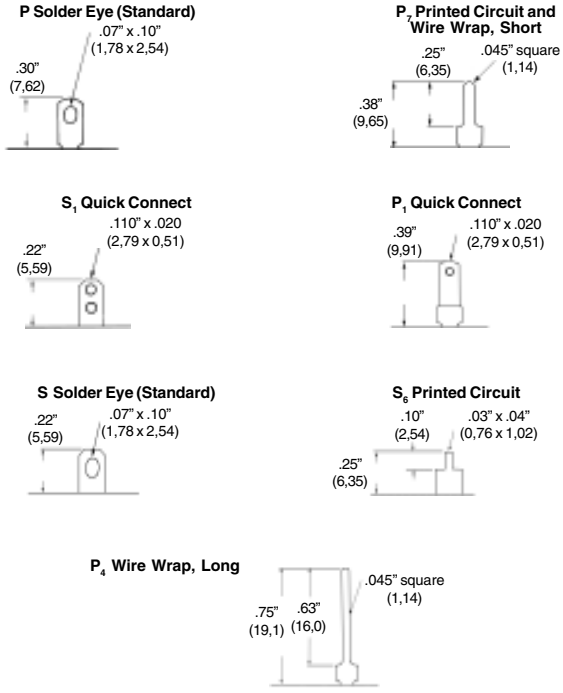
### *Physical*

Base Insulator: High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

## CONTACT TAILS

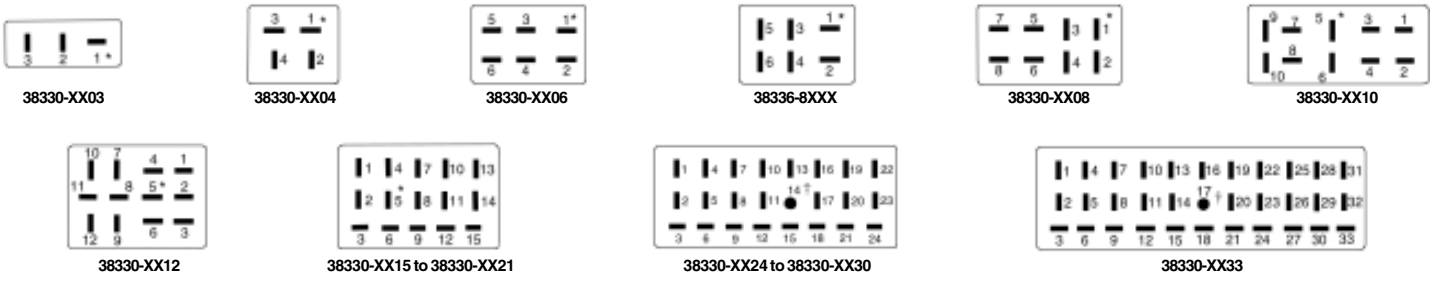
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles




**Contact Orientation**

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.




* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

## 38330, 38336

| Part# | D | | T | | U | | W | | X | |
|---|---|---|---|---|---|---|---|---|---|---|
| | in | mm | in | mm | in | mm | in | mm | in | mm |
| 3303 | .31 | 7.9 | 1.00 | 25.4 | .44 | 11.1 | .97 | 24,6 | .50 | 12.7 |
| 3304 | .38 | 9.5 | .75 | 25.4 | .69 | 17.5 | .97 | 24,6 | .50 | 12.7 |
| 3306 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7- |
| 3306-8 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7 |
| 3308 | .50 | 12.7 | 1.25 | 31.8 | .69 | 17.5 | 1.06 | 27,0 | .50 | 12.7 |
| 3310 | .50 | 12.7 | 1.56 | 39.7 | .69 | 17.5 | 1.19 | 30,2 | .50 | 12.7 |
| 3312 | .56 | 14.3 | 1.25 | 31.8 | .94 | 23.8 | 1.19 | 30,2 | .50 | 12.7 |
| 3315 | .56 | 14.3 | 1.78 | 45.2 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3318 | .56 | 14.3 | 2.08 | 52.8 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3321 | .63 | 15.9 | 2.34 | 59.5 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3324 | .63 | 15.9 | 2.78 | 70.6 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3327 | .63 | 15.9 | 3.00 | 76.2 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3330 | .75 | 19.0 | 3.34 | 84.9 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |
| 3333 | .75 | 19.0 | 3.66 | 92.9 | 1.16 | 29.4 | 1.75 | 44,5 | .75 | 19.1 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Flared Hole End (FHE) | | Flared End Hole (FHE) | |
| Order # | Engineering # | Order # | Engineering # |
| 38330-8503 | P-3303-FHE | 38330-9303 | S-3303-FHE |
| 38330-8504 | P-3304-FHE | 38330-9304 | S-3304-FHE |
| 38330-8506 | P-3306-FHE | 38330-9306 | S-3306-FHE |
| 38336-8085 | P-3306-8-FHE | 38336-8093 | S-3306-8-FHE |
| 38330-8508 | P-3308-FHE | 38330-9308 | S-3308-FHE |
| 38330-8510 | P-3310-FHE | 38330-9310 | S-3310-FHE |
| 38330-8512 | P-3312-FHE | 38330-9312 | S-3312-FHE |
| 38330-8515 | P-3315-FHE | 38330-9315 | S-3315-FHE |
| 38330-8518 | P-3318-FHE | 38330-9318 | S-3318-FHE |
| 38330-8521 | P-3321-FHE | 38330-9321 | S-3321-FHE |
| 38330-8524 | P-3324-FHE | 38330-9324 | S-3324-FHE |
| 38330-8527 | P-3327-FHE | 38330-9327 | S-3327-FHE |
| 38330-8530 | P-3330-FHE | 38330-9330 | S-3330-FHE |
| 38330-8533 | P-3333-FHE | 38330-9333 | S-3333-FHE |

## FEATURES AND SPECIFICATIONS

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

## 38330, 38331, 38336
## Flared Hole Top (FHT)



### *Features and Benefits*

- Sizes 2 to 33 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Reference Information*

UL : File E34763
CSA: File 22156

### *Electrical*

Voltage: 250V
Maximum Current: 10 Amp

### *Mechanical*

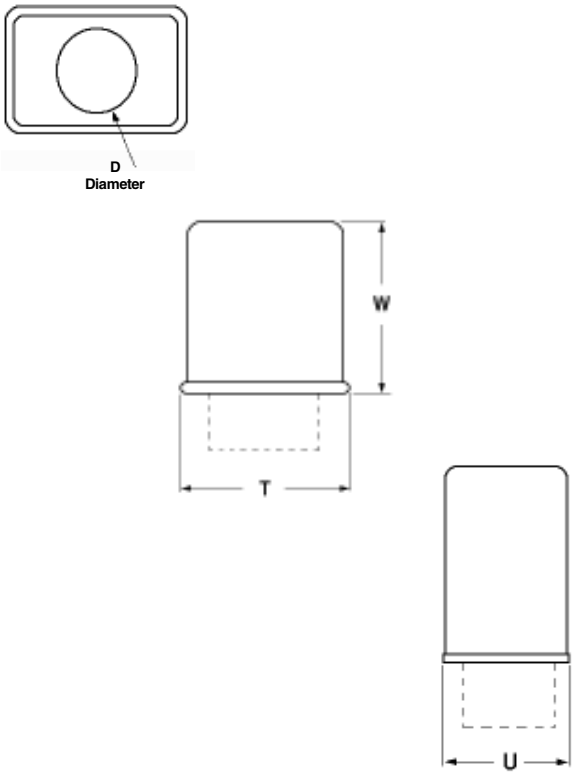
Operating Temperature: 110ºC

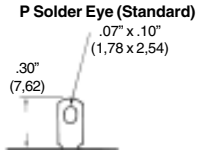
### *Physical*

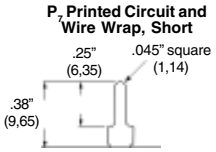
Base Insulator: High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

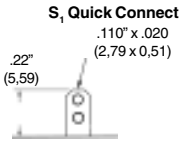
## CONTACT TAILS

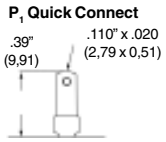
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles

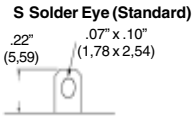


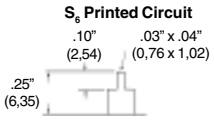



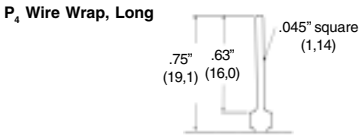



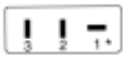




**Contact Orientation**

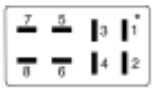
The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite. A heavy-duty polarizing/ground contact is in position 14 for Nos. 3324, 3327, 3330 and in position 17 for No. 3333.

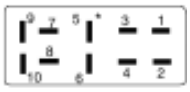

38330-XX03

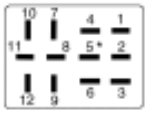

38330-XX04

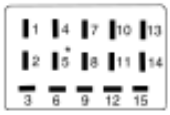

38330-XX06


38336-8XXX

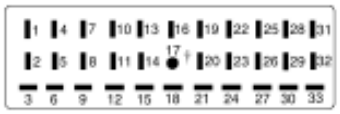

38330-XX08


38330-XX10


38330-XX12


38330-XX15 to 38330-XX21


38330-XX24 to 38330-XX30


38330-XX33

* Indicates location of pre-grounding contact. † Pre-grounding contact is standard

molex®

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

## 38330, 38331, 38336

| Part# | D | | T | | U | | W | |
|---|---|---|---|---|---|---|---|---|
| | in | mm | in | mm | in | mm | in | mm |
| 3302* | .38 | 9.5 | .66 | 16.7 | – | – | .97 | 24.6 |
| 3303 | .31 | 7.9 | 1.00 | 25.4 | .44 | 11.1 | .97 | 24.6 |
| 3304 | .38 | 9.5 | .75 | 25.4 | .69 | 17.5 | .97 | 24.6 |
| 3306 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27.0 |
| 3306-8 | .44 | 11.1 | 1.00 | 25.4 | .69 | 17.5 | 1.06 | 27.0 |
| 3308 | .50 | 12.7 | 1.25 | 31.8 | .69 | 17.5 | 1.06 | 27.0 |
| 3310 | .50 | 12.7 | 1.56 | 39.7 | .69 | 17.5 | 1.19 | 30.2 |
| 3312 | .56 | 14.3 | 1.25 | 31.8 | .94 | 23.8 | 1.19 | 30.2 |
| 3315 | .56 | 14.3 | 1.78 | 45.2 | 1.16 | 29.4 | 1.75 | 44.5 |
| 3318 | .56 | 14.3 | 2.08 | 52.8 | 1.16 | 29.4 | 1.75 | 44.5 |
| 3321 | .63 | 15.9 | 2.34 | 59.5 | 1.16 | 29.4 | 1.75 | 44.5 |
| 3324 | .63 | 15.9 | 2.78 | 70.6 | 1.16 | 29.4 | 1.75 | 44.5 |
| 3327 | .63 | 15.9 | 3.00 | 76.2 | 1.16 | 29.4 | 1.75 | 44.5 |
| 3330 | .75 | 19.0 | 3.34 | 84.9 | 1.16 | 29.4 | 1.75 | 44.5 |
| 3333 | .75 | 19.0 | 3.66 | 92.9 | 1.16 | 29.4 | 1.75 | 44.5 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Flared Hole Top (FHT) | | Flared Hole Top (FHT) | |
| Order # | Engineering # | Order # | Engineering # |
| 38330-9902 | P-3302-FHT | 38331-0802 | S-3302-FHT |
| 38330-9903 | P-3303-FHT | 38331-0803 | S-3303-FHT |
| 38330-9904 | P-3304-FH | 38331-0804 | S-3304-FHT |
| 38330-9906 | P-3306-FHT | 38331-0806 | S-3306-FHT |
| 38336-8099 | P-3306-8-FHT | 38336-8108 | S-3306-8-FHT |
| 38330-9908 | P-3308-FHT | 38331-0808 | S-3308-FHT |
| 38330-9910 | P-3310-FHT | 38331-0810 | S-3310-FHT |
| 38330-9912 | P-3312-FHT | 38331-0812 | S-3312-FHT |
| 38330-9915 | P-3315-FHT | 38331-0815 | S-3315-FHT |
| 38330-9918 | P-3318-FHT | 38331-0818 | S-3318-FHT |
| 38330-9921 | P-3321-FHT | 38331-0821 | S-3321-FHT |
| 38330-9924 | P-3324-FHT | 38331-0824 | S-3324-FHT |
| 38330-9927 | P-3327-FHT | 38331-0827 | S-3327-FHT |
| 38330-9930 | P-3330-FHT | 38331-0830 | S-3330-FHT |
| 38330-9933 | P-3333-FHT | 38331-0833 | S-3333-FHT |

# FEATURES AND SPECIFICATIONS

## Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

## Reference Information

UL : File E34763
CSA: File 22156

## Electrical

Voltage: 250V
Maximum Current: 15 Amp

## Mechanical

Operating Temperature: 150°C

## Physical

Base Insulator: High-grade phenloic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

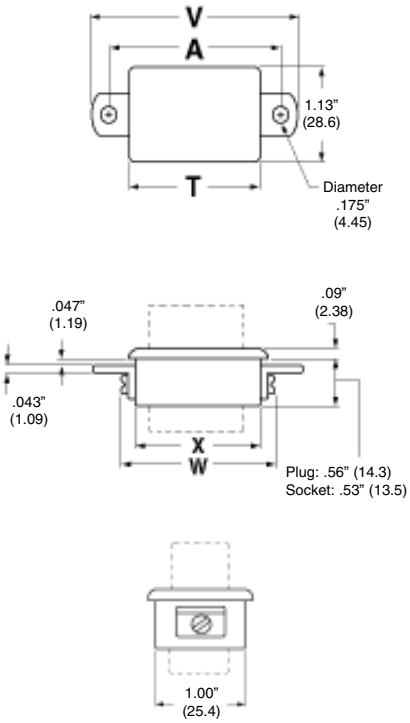
## 38540
## Angle Bracket (AB)
## Angle Bracket Tapped (ABT)
## Less Angle Bracket (LAB)

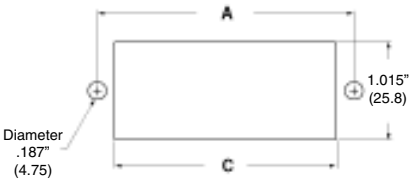




## SUGGESTED PANEL MOUNTING DIMENSIONS

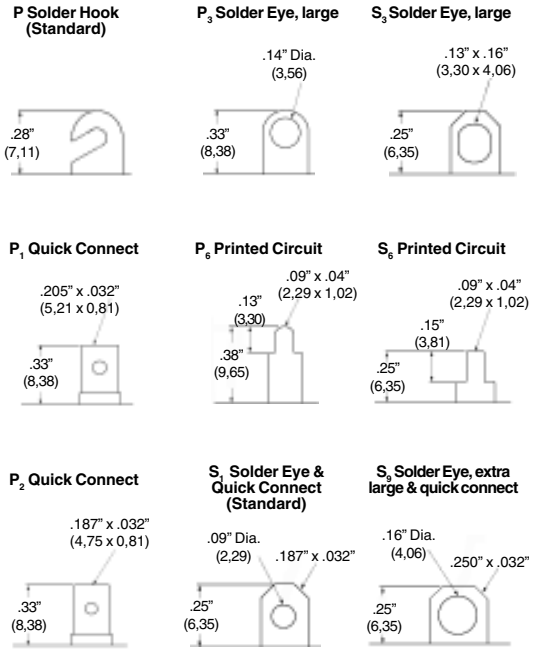
Fig. J




## CONTACT TAILS

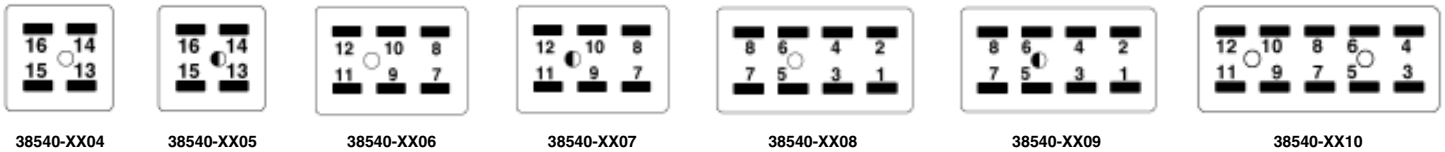
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles




### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

○ Polarizing position ◐ Combination pre-grounding/polarizing position ● Polarizing position - Current carrying contacts






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# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

## 38540

| Part# | T | | V | | W | | X | |
|---|---|---|---|---|---|---|---|---|
| | in | mm | in | mm | in | mm | in | mm |
| 5404/05 | 1.13 | 28.6 | 2.02 | 51.2 | 1.23 | 31.4 | 1.00 | 25.4 |
| 5406/07 | 1.56 | 39.7 | 2.45 | 62.3 | 1.67 | 42.5 | 1.44 | 36.5 |
| 5408/09 | 2.00 | 50.8 | 2.89 | 73.4 | 2.11 | 53.6 | 1.88 | 47.6 |
| 5410/11 | 2.44 | 61.9 | 3.33 | 84.5 | 2.55 | 64.7 | 2.31 | 58.7 |
| 5412/13 | 2.88 | 73.0 | 3.77 | 95.6 | 2.98 | 75.8 | 2.75 | 69.9 |
| 5414 | 2.88 | 73.0 | 3.77 | 95.6 | 2.98 | 75.8 | 2.75 | 69.9 |
| 5415 | 2.88 | 73.0 | 3.77 | 95.6 | 2.98 | 75.8 | 2.75 | 69.9 |
| 5416 | 2.88 | 73.0 | 3.77 | 95.6 | 2.98 | 75.8 | 2.75 | 69.9 |

| Part # | Fig.# | A | | C | |
|---|---|---|---|---|---|
| | | in | mm | in | mm |
| 5404/05 | J | 1.594 | 40.5 | 1.015 | 25.8 |
| 5406/07 | J | 2.031 | 51.6 | 1.453 | 36.9 |
| 5408/09 | J | 2.468 | 62.7 | 1.891 | 48.0 |
| 5410/11 | J | 2.906 | 73.8 | 2.328 | 59.1 |
| 5412/13 | J | 3.344 | 84.9 | 2.766 | 70.3 |
| 5414 | J | 3.344 | 84.9 | 2.766 | 70.3 |
| 5415 | J | 3.344 | 84.9 | 2.766 | 70.3 |
| 5416 | J | 3.344 | 84.9 | 2.766 | 70.3 |

## PLUGS

| Angle Bracket (-AB) | | Angle Bracket Tapped (-ABT) | | Less Angle Bracket (-LAB) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38540-0104 | P-5404-AB | 38540-1004 | P-5404-ABT | 38540-1904 | P-5404-LAB |
| 38540-0105 | P-5405-AB | 38540-1005 | P-5405-ABT | 38540-1905 | P-5405-LAB |
| 38540-0106 | P-5406-AB | 38540-1006 | P-5406-ABT | 38540-1906 | P-5406-LAB |
| 38540-0107 | P-5407-AB | 38540-1007 | P-5407-ABT | 38540-1907 | P-5407-LAB |
| 38540-0108 | P-5408-AB | 38540-1008 | P-5408-ABT | 38540-1908 | P-5408-LAB |
| 38540-0109 | P-5409-AB | 38540-1009 | P-5409-ABT | 38540-1909 | P-5409-LAB |
| 38540-0110 | P-5410-AB | 38540-1010 | P-5410-ABT | 38540-1910 | P-5410-LAB |
| 38540-0111 | P-5411-AB | 38540-1011 | P-5411-ABT | 38540-1911 | P-5411-LAB |
| 38540-0112 | P-5412-AB | 38540-1012 | P-5412-ABT | 38540-1912 | P-5412-LAB |
| 38540-0113 | P-5413-AB | 38540-1013 | P-5413-ABT | 38540-1913 | P-5413-LAB |
| 38540-0114 | P-5414-AB | 38540-1014 | P-5414-ABT | 38540-1914 | P-5414-LAB |
| 38540-0115 | P-5415-AB | 38540-1015 | P-5415-ABT | 38540-1915 | P-5415-LAB |
| 38540-0116 | P-5416-AB | 38540-1016 | P-5416-ABT | 38540-1916 | P-5416-LAB |

## SOCKETS

| Angle Bracket (-AB) | | Angle Bracket Tapped (-ABT) | | Less Angle Bracket (-LAB) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38540-0604 | S-5404-AB | 38540-1504 | S-5404-ABT | 38540-2404 | S-5404-LAB |
| 38540-0605 | S-5405-AB | 38540-1505 | S-5405-ABT | 38540-2405 | S-5405-LAB |
| 38540-0606 | S-5406-AB | 38540-1506 | S-5406-ABT | 38540-2406 | S-5406-LAB |
| 38540-0607 | S-5407-AB | 38540-1507 | S-5407-ABT | 38540-2407 | S-5407-LAB |
| 38540-0608 | S-5408-AB | 38540-1508 | S-5408-ABT | 38540-2408 | S-5408-LAB |
| 38540-0609 | S-5409-AB | 38540-1509 | S-5409-ABT | 38540-2409 | S-5409-LAB |
| 38540-0610 | S-5410-AB | 38540-1510 | S-5410-ABT | 38540-2410 | S-5410-LAB |
| 38540-0611 | S-5411-AB | 38540-1511 | S-5411-ABT | 38540-2411 | S-5411-LAB |
| 38540-0612 | S-5412-AB | 38540-1512 | S-5412-ABT | 38540-2412 | S-5412-LAB |
| 38540-0613 | S-5413-AB | 38540-1513 | S-5413-ABT | 38540-2413 | S-5413-LAB |
| 38540-0614 | S-5414-AB | 38540-1514 | S-5414-ABT | 38540-2414 | S-5414-LAB |
| 38540-0615 | S-5415-AB | 38540-1515 | S-5415-ABT | 38540-2415 | S-5415-LAB |
| 38540-0616 | S-5416-AB | 38540-1516 | S-5416-ABT | 38540-2416 | S-5416-LAB |

## FEATURES AND SPECIFICATIONS

### *Features and Benefits*

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Reference Information*

UL : File E34763
CSA: File 22156

### *Electrical*

Voltage: 250V
Maximum Current: 15 Amp

### *Mechanical*

Operating Temperature: 150°C

### *Physical*

Base Insulator: High-grade phenloic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

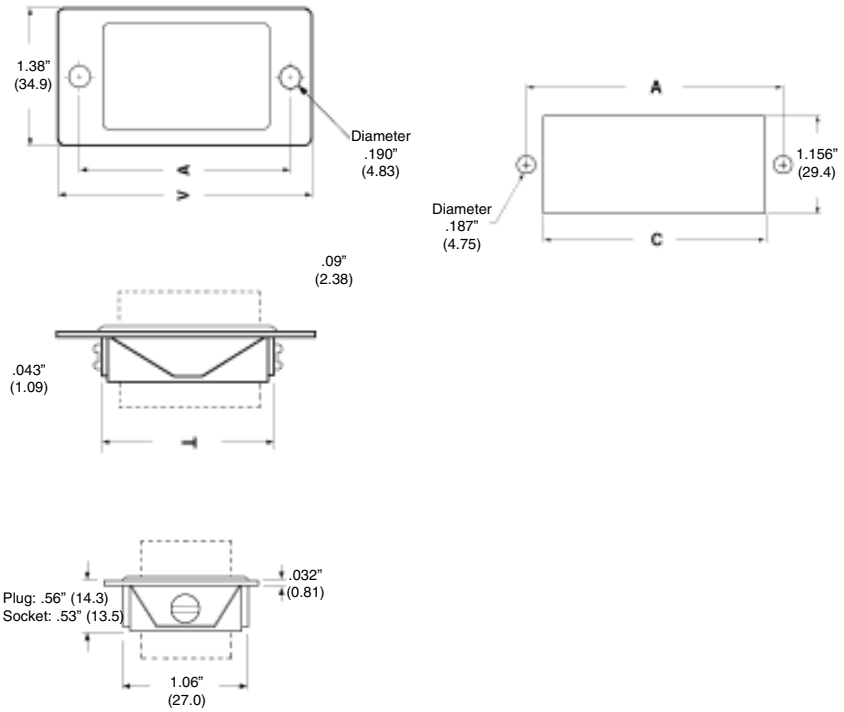
## 38542
## Shallow Bracket (SB)





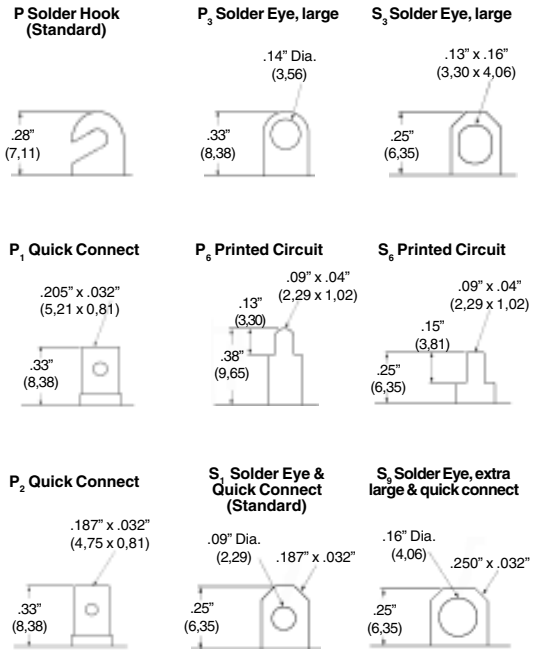
## SUGGESTED PANEL MOUNTING DIMENSIONS

Fig.L




## CONTACT TAILS

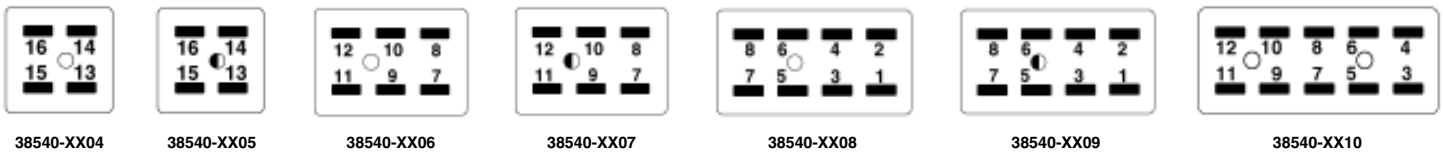
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles




### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

Polarizing position | Combination pre-grounding/polarizing position | Polarizing position - Current carrying contacts




38540-XX04 | 38540-XX05 | 38540-XX06 | 38540-XX07 | 38540-XX08 | 38540-XX09 | 38540-XX10




38540-XX011 | 38540-XX12 | 38540-XX08 | 38540-XX14, 38540-XX15, 38540-XX16

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# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

## 38542

| Part# | V | | W | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 5404/05 | 1.92 | 48.8 | 1.16 | 29.4 |
| 5406/07 | 2.36 | 59.9 | 1.59 | 40.5 |
| 5408/09 | 2.80 | 71.0 | 2.03 | 51.6 |
| 5410/11 | 3.23 | 82.2 | 2.47 | 62.7 |
| 5412/13 | 3.67 | 93.3 | 2.91 | 73.8 |
| 5414 | 3.67 | 93.3 | 2.91 | 73.8 |
| 5415 | 3.67 | 93.3 | 2.91 | 73.8 |
| 5416 | 3.67 | 93.3 | 2.91 | 73.8 |

| Part # | Fig. # | A | | C | |
|---|---|---|---|---|---|
| | | in | mm | in | mm |
| 5404/05 | L | 1.500 | 38.1 | 1.250 | 31.8 |
| 5406/07 | L | 1.937 | 49.2 | 1.687 | 42.8 |
| 5408/09 | L | 2.375 | 60.3 | 2.125 | 54.0 |
| 5410/11 | L | 2.812 | 71.4 | 2.562 | 65.1 |
| 5412/13 | L | 3.250 | 82.6 | 3.000 | 76.2 |
| 5414 | L | 3.250 | 82.6 | 3.000 | 76.2 |
| 5415 | L | 3.250 | 82.6 | 3.000 | 76.2 |
| 5416 | L | 3.250 | 82.6 | 3.000 | 76.2 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Shallow Bracket (-SB) | | Shallow Bracket (SB) | |
| Order # | Engineering # | Order # | Engineering # |
| 38542-0804 | P-5404-SB | 38542-1304 | S-5404-SB |
| 38542-0805 | P-5405-SB | 38542-1305 | S-5405-SB |
| 38542-0806 | P-5406-SB | 38542-1306 | S-5406-SB |
| 38542-0807 | P-5407-SB | 38542-1307 | S-5407-SB |
| 38542-0808 | P-5408-SB | 38542-1308 | S-5408-SB |
| 38542-0809 | P-5409-SB | 38542-1309 | S-5409-SB |
| 38542-0810 | P-5410-SB | 38542-1310 | S-5410-SB |
| 38542-0811 | P-5411-SB | 38542-1311 | S-5411-SB |
| 38542-0812 | P-5412-SB | 38542-1312 | S-5412-SB |
| 38542-0813 | P-5413-SB | 38542-1313 | S-5413-SB |
| 38542-0814 | P-5414-SB | 38542-1314 | S-5414-SB |
| 38520-0815 | P-5415-SB | 38520-1315 | S-5415-SB |
| 38542-0816 | P-5416-SB | 38542-1316 | S-5416-SB |

# FEATURES AND SPECIFICATIONS

## Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

## Reference Information

UL : File E34763
CSA: File 22156

## Electrical

Voltage: 250V
Maximum Current: 15 Amp

## Mechanical

Operating Temperature: 150°C

## Physical

Base Insulator: High-grade phenloic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

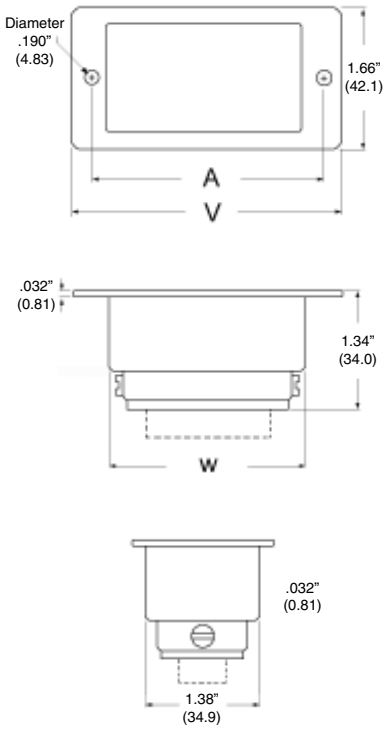
# Beau™ Power Connectors
# Panel Mount Plugs and Sockets

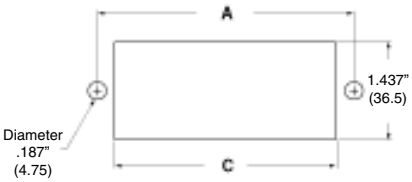
## 38540
## Deep Bracket (DB)



## SUGGESTED PANEL MOUNTING DIMENSIONS

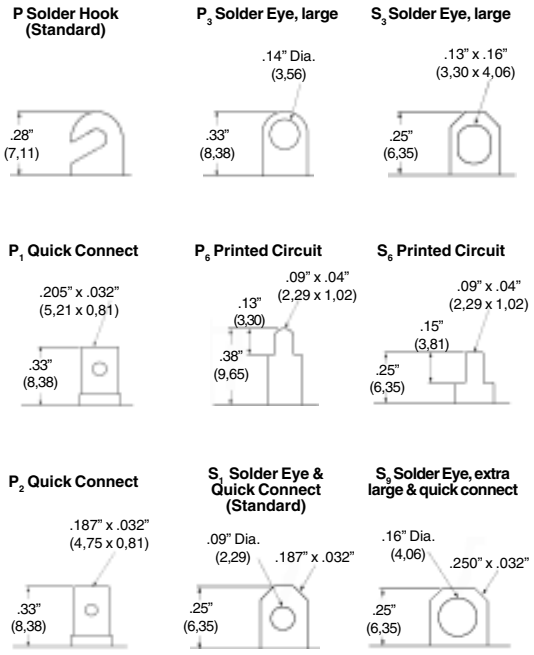
Fig. M




## CONTACT TAILS

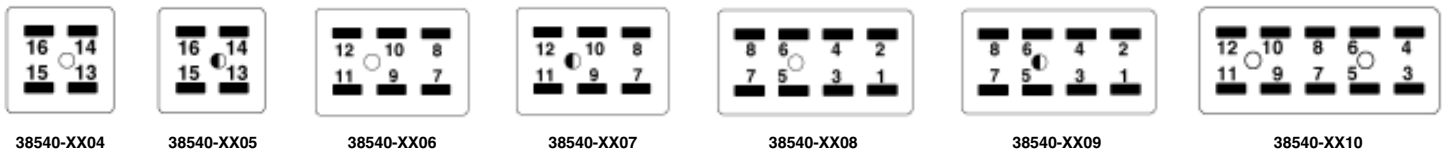
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles




### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

Polarizing position | Combination pre-grounding/polarizing position | Polarizing position - Current carrying contacts




38540-XX04 | 38540-XX05 | 38540-XX06 | 38540-XX07 | 38540-XX08 | 38540-XX09 | 38540-XX10




38540-XX011 | 38540-XX12 | 38540-XX08 | 38540-XX14, 38540-XX15, 38540-XX16

Beau™ Power Connectors
Panel Mount Plugs and Sockets

## 38540

| Part# | V | | W | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 5404\05 | 2.19 | 55.6 | 1.38 | 34.9 |
| 5406\07 | 2.63 | 66.7 | 1.81 | 46.0 |
| 5408\09 | 3.06 | 77.8 | 2.25 | 57.2 |
| 5410\11 | 3.50 | 88.9 | 2.69 | 68.3 |
| 5412\13 | 3.94 | 100 | 3.13 | 79.4 |
| 5414 | 3.94 | 100 | 3.13 | 79.4 |
| 5415 | 3.94 | 100 | 3.13 | 79.4 |
| 5416 | 3.94 | 100 | 3.13 | 79.4 |

| Part # | Fig.# | A | | C | |
|---|---|---|---|---|---|
| | | in | mm | in | mm |
| 5404/05 | M | 1.750 | 44.5 | 1.437 | 36.5 |
| 5406/07 | M | 2.187 | 55.5 | 1.875 | 47.6 |
| 5408/09 | M | 2.625 | 66.7 | 2.312 | 58.7 |
| 5410/11 | M | 3.062 | 77.8 | 2.750 | 69.9 |
| 5412/13 | M | 3.500 | 88.9 | 3.187 | 80.9 |
| 5414 | M | 3.500 | 88.9 | 3.187 | 80.9 |
| 5415 | M | 3.500 | 88.9 | 3.187 | 80.9 |
| 5416 | M | 3.500 | 88.9 | 3.187 | 80.9 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Deep Bracket (DB) | | Deep Bracket (DB) | |
| Order # | Engineering # | Order # | Engineering # |
| 38540-3704 | P-5404-DB | 38540-4204 | S-5404-DB |
| 38540-3705 | P-5405-DB | 38540-4205 | S-5405-DB |
| 38540-3706 | P-5406-DB | 38540-4206 | S-5406-DB |
| 38540-3707 | P-5407-DB | 38540-4207 | S-5407-DB |
| 38540-3708 | P-5408-DB | 38540-4208 | S-5408-DB |
| 38540-3709 | P-5409-DB | 38540-4209 | S-5409-DB |
| 38540-3710 | P-5410-DB | 38540-4210 | S-5410-DB |
| 38540-3711 | P-5411-DB | 38540-4211 | S-5411-DB |
| 38540-3712 | P-5412-DB | 38540-4212 | S-5412-DB |
| 38540-3713 | P-5413-DB | 38540-4213 | S-5413-DB |
| 38540-3714 | P-5414-DB | 38540-4214 | S-5414-DB |
| 38520-3715 | P-5415-DB | 38520-4215 | S-5415-DB |
| 38540-3716 | P-5416-DB | 38540-4216 | S-5416-DB |

# FEATURES AND SPECIFICATIONS

## Beau™ Power Connectors
## Cable Mount Plugs and Sockets

### *Features and Benefits*

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.
- Strain relief cable clamps, used with round or flat cable

### *Electrical*

Voltage: 250V
Maximum Current: 15 Amp

### *Mechanical*

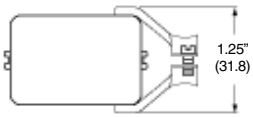
Operating Temperature: 110°C

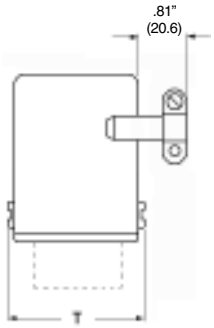
### *Physical*

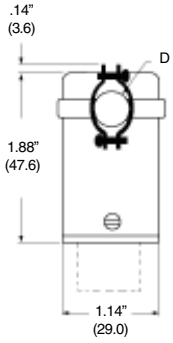
Base Insulator: High-grade phenloic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin/Lead
Pre-grounding Contact: Heavy-duty plated brass

## 38541
## Cable Clamp End (CCE)





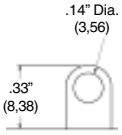

## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles

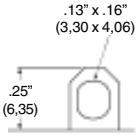
**P Solder Hook (Standard)**



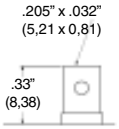

**$P_3$ Solder Eye, large**



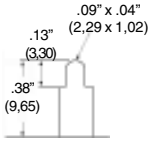

**$S_3$ Solder Eye, large**



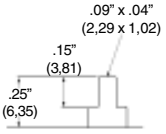

**$P_1$ Quick Connect**



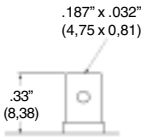

**$P_6$ Printed Circuit**



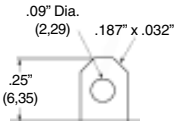

**$S_6$ Printed Circuit**



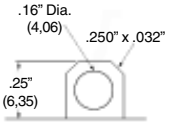

**$P_2$ Quick Connect**




**$S_1$ Solder Eye & Quick Connect (Standard)**



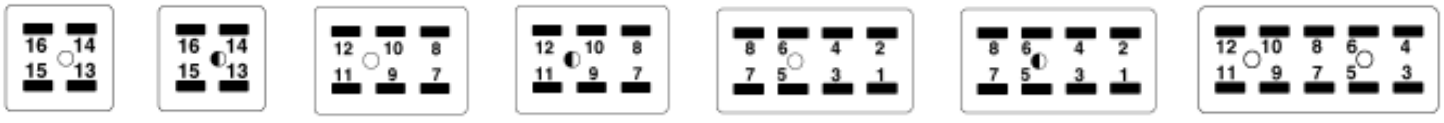

**$S_9$ Solder Eye, extra large & quick connect**




**Contact Orientation**

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

Polarizing position | Combination pre-grounding/polarizing position | Polarizing position - Current carrying contacts



38540-XX04 | 38540-XX05 | 38540-XX06 | 38540-XX07 | 38540-XX08 | 38540-XX09 | 38540-XX10



38540-XX011 | 38540-XX12 | 38540-XX08 | 38540-XX14, 38540-XX15, 38540-XX16

## ORDERING INFORMATION AND DIMENSIONS

molex®

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

## 38541

### DIMENSIONS

| Part# | V | | W | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 5404\05 | .44 | 11.1 | 1.23 | 31.4 |
| 5406\07 | .44 | 11.1 | 1.67 | 42.5 |
| 5408\09 | .56 | 14.3 | 2.11 | 53.6 |
| 5410\11 | .56 | 14.3 | 2.55 | 64.7 |
| 5412\13 | .63 | 15.9 | 2.98 | 75.8 |
| 5414 | .63 | 15.9 | 2.98 | 75.8 |
| 5415 | .63 | 15.9 | 2.98 | 75.8 |
| 5416 | .63 | 15.9 | 2.98 | 75.8 |

| For Connector size | Clamp opening dia., in. (mm) | | Clamp Number |
|---|---|---|---|
| | min | max | |
| Standard Clamps Sizes | | | |
| 38541-XX04 thru 38541-XX07 | .38″ (9,7) | .72″ (18,3) | - |
| 38541-XX08 thru 38541-XX16 | .38″ (9,7) | .84″ (21,3) | - |
| Clamp Options | | | |
| 38541-XX04 thru 38541-XX16 | .45″ (11,4) | .91″ (23,1) | 78 |
| 38541-XX04 thru 38541-XX16 for | .38″ (9,7) | .72″ (18,3) | 47 |
| Mating with Deep Bracket (DB) | | | |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Cable Clamp End (CCE) | | Cable Clamp End (CCE) | |
| Order # | Engineering # | Order # | Engineering # |
| 38541-0004 | P-5404-CCE | 38541-3004 | S-5404-CCE |
| 38541-0005 | P-5405-CCE | 38541-3005 | S-5405-CCE |
| 38541-0006 | P-5406-CCE | 38541-3006 | S-5406-CCE |
| 38541-0007 | P-5407-CCE | 38541-3007 | S-5407-CCE |
| 38541-0008 | P-5408-CCE | 38541-3008 | S-5408-CCE |
| 38541-0009 | P-5409-CCE | 38541-3009 | S-5409-CCE |
| 38541-0010 | P-5410-CCE | 38541-3010 | S-5410-CCE |
| 38541-0011 | P-5411-CCE | 38541-3011 | S-5411-CCE |
| 38541-0012 | P-5412-CCE | 38541-3012 | S-5412-CCE |
| 38541-0013 | P-5413-CCE | 38541-3013 | S-5413-CCE |
| 38541-0014 | P-5414-CCE | 38541-3014 | S-5414-CCE |
| 38521-0015 | P-5415-CCE | 38521-3015 | S-5415-CCE |
| 38541-0016 | P-5416-CCE | 38541-3016 | S-5416-CCE |

## FEATURES AND SPECIFICATIONS

### *Features and Benefits*

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Electrical*

Voltage: 250V
Maximum Current: 15 Amp

### *Mechanical*

Operating Temperature: 110ºC

### *Physical*

Base Insulator: High-grade phenloic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

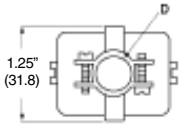
## 38541
## Cable Clamp Top (CCT)
## Cable Clamp Top w/Keeper (CCT-K)
## Cable Clamp Top w/ Latch (CCT-L)

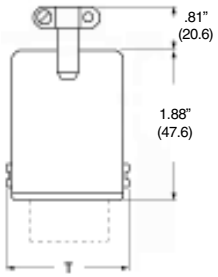




## OPTIONS

For connecting two cable-mounted connectors, plug and socket can be equipped with either a latch (-L) or keeper (-K)>

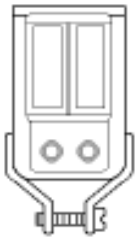


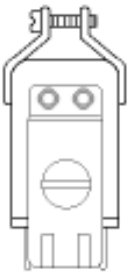




**Keeper (-K)**



**Latch (-L)**



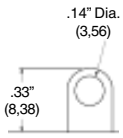
## CONTACT TAILS

Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles

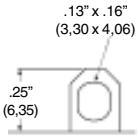
**P Solder Hook (Standard)**



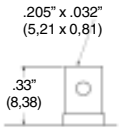

**$P_3$ Solder Eye, large**



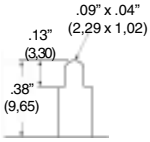

**$S_3$ Solder Eye, large**



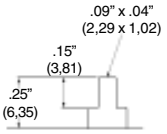

**$P_1$ Quick Connect**



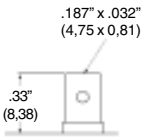

**$P_6$ Printed Circuit**



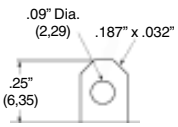

**$S_6$ Printed Circuit**



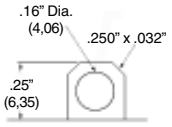

**$P_2$ Quick Connect**




**$S_1$ Solder Eye & Quick Connect (Standard)**




**$S_9$ Solder Eye, extra large & quick connect**




### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

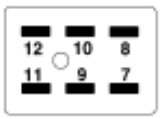
Polarizing position | Combination pre-grounding/polarizing position | Polarizing position - Current carrying contacts



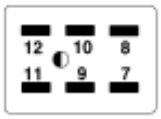

38540-XX04




38540-XX05




38540-XX06



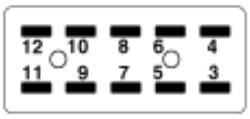

38540-XX07



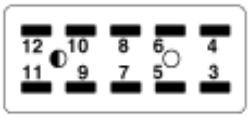

38540-XX08




38540-XX09




38540-XX10



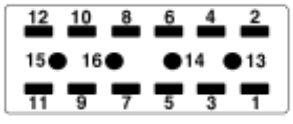

38540-XX011




38540-XX12




38540-XX08




38540-XX14, 38540-XX15, 38540-XX16

## ORDERING INFORMATION AND DIMENSIONS

molex®

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

## 38541

| Part# | V | | W | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 5404\05 | .44 | 11.1 | 1.23 | 31.4 |
| 5406\07 | .44 | 11.1 | 1.67 | 42.5 |
| 5408\09 | .56 | 14.3 | 2.11 | 53.6 |
| 5410\11 | .56 | 14.3 | 2.55 | 64.7 |
| 5412\13 | .63 | 15.9 | 2.98 | 75.8 |
| 5414 | .63 | 15.9 | 2.98 | 75.8 |
| 5415 | .63 | 15.9 | 2.98 | 75.8 |
| 5416 | .63 | 15.9 | 2.98 | 75.8 |

| For Connector size | Clamp opening dia., in. (mm) | | Clamp Number |
|---|---|---|---|
| | min | max | |
| Standard Clamps Sizes | | | |
| 38541-XX04 thru 38541-XX07 | .38″ (9,7) | .72″ (18,3) | - |
| 38541-XX08 thru 38541-XX16 | .38″ (9,7) | .84″ (21,3) | - |
| | | | |
| Clamp Option | | | |
| 38541-XX04 thru 38541-XX16 | .45″ (11,4) | .91″ (23,1) | 78 |
| | | | |
| For non-standard backshell hole size, consult factory | | | |

## PLUGS

| Cable Clamp Top (-CCT) | | Cable Clamp Top w/Keeper (-CCT-K) | | Cable Clamp Top w/Latch (-CCT-L) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38541-5404 | P-5404-CCT | 38541-5804 | P-5404-CCT-K | 38541-5604 | P-5404-CCT-L |
| 38541-5405 | P-5405-CCT | 38541-5805 | P-5405-CCT-K | 38541-5605 | P-5405-CCT-L |
| 38541-5406 | P-5406-CCT | 38541-5806 | P-5406-CCT-K | 38541-5606 | P-5406-CCT-L |
| 38541-5407 | P-5407-CCT | 38541-5807 | P-5407-CCT-K | 38541-5607 | P-5407-CCT-L |
| 38541-5408 | P-5408-CCT | 38541-5808 | P-5408-CCT-K | 38541-5608 | P-5408-CCT-L |
| 38541-5409 | P-5409-CCT | 38541-5809 | P-5409-CCT-K | 38541-5609 | P-5409-CCT-L |
| 38541-5410 | P-5410-CCT | 38541-5810 | P-5410-CCT-K | 38541-5610 | P-5410-CCT-L |
| 38541-5411 | P-5411-CCT | 38541-5811 | P-5411-CCT-K | 38541-5611 | P-5411-CCT-L |
| 38541-5412 | P-5412-CCT | 38541-5812 | P-5412-CCT-K | 38541-5612 | P-5412-CCT-L |
| 38541-5413 | P-5413-CCT | 38541-5813 | P-5413-CCT-K | 38541-5613 | P-5413-CCT-L |
| 38541-5414 | P-5414-CCT | 38541-5814 | P-5414-CCT-K | 38541-5614 | P-5414-CCT-L |
| 38521-5415 | P-5415-CCT | 38541-5815 | P-5415-CCT-K | 38541-5615 | P-5415-CCT-L |
| 38541-5416 | P-5416-CCT | 38541-5816 | P-5416-CCT-K | 38541-5616 | P-5416-CCT-L |

## SOCKETS

| Cable Clamp Top (-CCT) | | Cable Clamp Top w/Keeper (-CCT-K) | | Cable Clamp Top w/Latch (-CCT-L) | |
|---|---|---|---|---|---|
| Order # | Engineering # | Order # | Engineering # | Order # | Engineering # |
| 38541-8404 | S-5404-CCT | 38541-8804 | S-5404-CCT-K | 38541-8604 | S-5404-CCT-L |
| 38541-8405 | S-5405-CCT | 38541-8805 | S-5405-CCT-K | 38541-8605 | S-5405-CCT-L |
| 38541-8406 | S-5406-CCT | 38541-8806 | S-5406-CCT-K | 38541-8606 | S-5406-CCT-L |
| 38541-8407 | S-5407-CCT | 38541-8807 | S-5407-CCT-K | 38541-8607 | S-5407-CCT-L |
| 38541-8408 | S-5408-CCT | 38541-8808 | S-5408-CCT-K | 38541-8608 | S-5408-CCT-L |
| 38541-8409 | S-5409-CCT | 38541-8809 | S-5409-CCT-K | 38541-8609 | S-5409-CCT-L |
| 38541-8410 | S-5410-CCT | 38541-8810 | S-5410-CCT-K | 38541-8610 | S-5410-CCT-L |
| 38541-8411 | S-5411-CCT | 38541-8811 | S-5411-CCT-K | 38541-8611 | S-5411-CCT-L |
| 38541-8412 | S-5412-CCT | 38541-8812 | S-5412-CCT-K | 38541-8612 | S-5412-CCT-L |
| 38541-8413 | S-5413-CCT | 38541-8813 | S-5413-CCT-K | 38541-8613 | S-5413-CCT-L |
| 38541-8414 | S-5414-CCT | 38541-8814 | S-5414-CCT-K | 38541-8614 | S-5414-CCT-L |
| 38521-8415 | S-5415-CCT | 38541-8815 | S-5415-CCT-K | 38541-8615 | S-5415-CCT-L |
| 38541-8416 | S-5416-CCT | 38541-8816 | S-5416-CCT-K | 38541-8616 | S-5416-CCT-L |

## FEATURES AND SPECIFICATIONS

# Beau™ Power Connectors
# Cable Mount Plugs and Sockets

### *Features and Benefits*

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Electrical*

Voltage: 250V
Maximum Current: 15 Amp

### *Mechanical*

Operating Temperature: 110°C

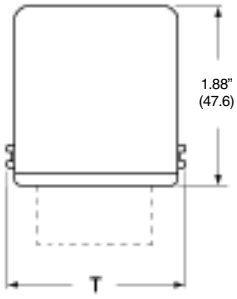
### *Physical*

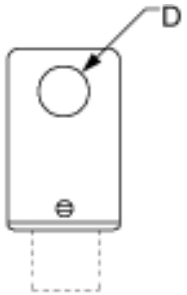
Base Insulator: High-grade phenloic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

## 38540
## Flared Hole End (FHE)



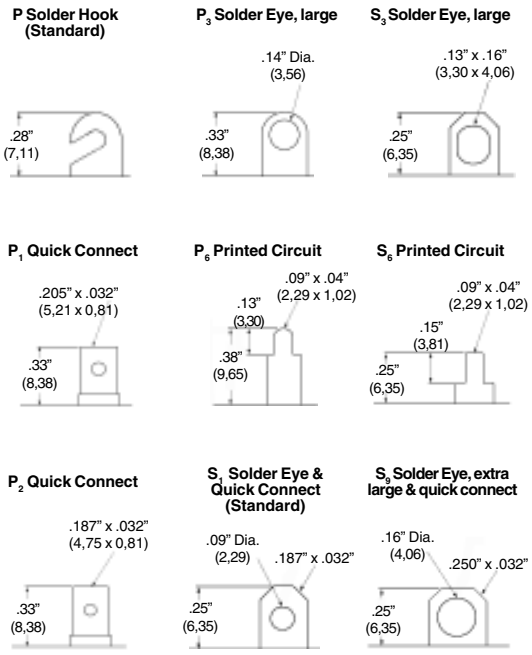



## CONTACT TAILS

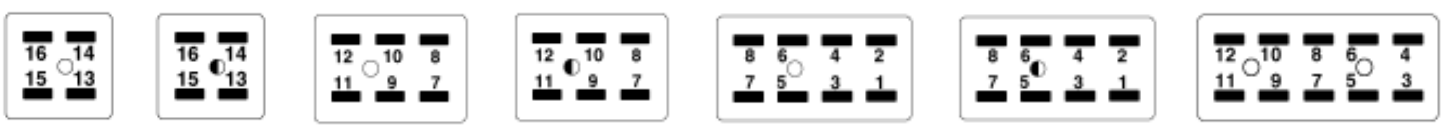
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles




**Contact Orientation**

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

Polarizing position | Combination pre-grounding/polarizing position | Polarizing position - Current carrying contacts






| Part# | D | | T | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 5404/05 | .44 | 11.1 | 1.23 | 31.4 |
| 5406/07 | .44 | 11.1 | 1.67 | 42.5 |
| 5408/09 | .56 | 14.3 | 2.11 | 53.6 |
| 5410/11 | .56 | 14.3 | 2.55 | 64.7 |
| 5412 | .63 | 15.9 | 2.98 | 75.8 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Flared Hole End (FHE) | | Flared End Hole (FHE) | |
| Order # | Engineering # | Order # | Engineering # |
| 38540-6404 | P-5404-FHE | 38540-7404 | S-5404-FHE |
| 38540-6405 | P-5405-FHE | 38540-7405 | S-5405-FHE |
| 38540-6406 | P-5406-FHE | 38540-7406 | S-5406-FHE |
| 38540-6407 | P-5407-FHE | 38540-7407 | S-5407-FHE |
| 38540-6408 | P-5408-FHE | 38540-7408 | S-5408-FHE |
| 38540-6409 | P-5409-FHE | 38540-7409 | S-5409-FHE |
| 38540-6410 | P-5410-FHE | 38540-7410 | S-5410-FHE |
| 38540-6411 | P-5411-FHE | 38540-7411 | S-5411-FHE |
| 38540-6412 | P-5412-FHE | 38540-7412 | S-5412-FHE |
| 38540-6413 | P-5413-FHE | 38540-7413 | S-5413-FHE |
| 38540-6414 | P-5414-FHE | 38540-7414 | S-5414-FHE |
| 38540-6415 | P-5415-FHE | 38540-7415 | S-5415-FHE |
| 38540-6416 | P-5416-FHE | 38540-7416 | S-5416-FHE |

# FEATURES AND SPECIFICATIONS

## Beau™ Power Connectors
## Cable Mount Plugs and Sockets

### *Features and Benefits*

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage fromimproper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

### *Electrical*

Voltage: 250V
Maximum Current: 15 Amp

### *Mechanical*

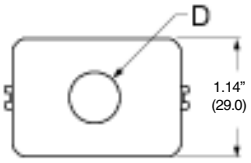
Operating Temperature: 110°C

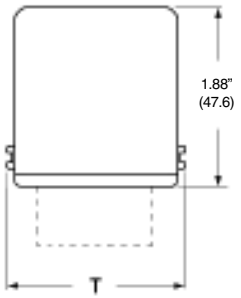
### *Physical*

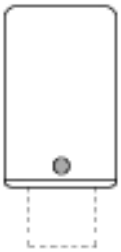
Base Insulator: High-grade phenloic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin/Lead
Pre-grounding Contact: Heavy-duty plated brass

## 38540
## Flared Hole Top (FHT)



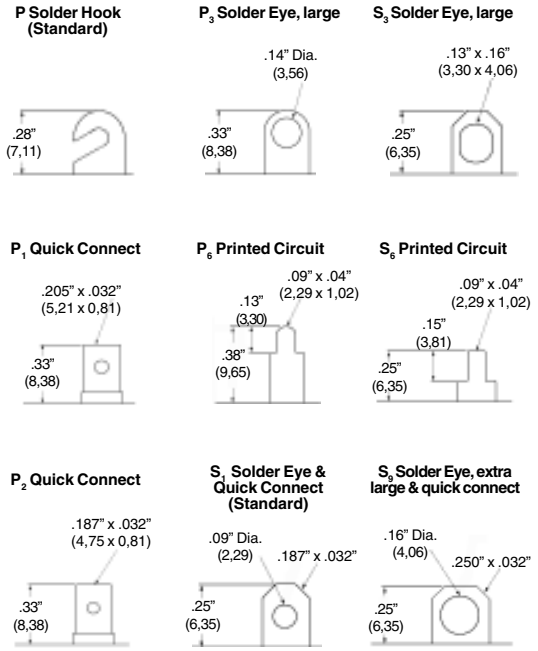


## CONTACT TAILS

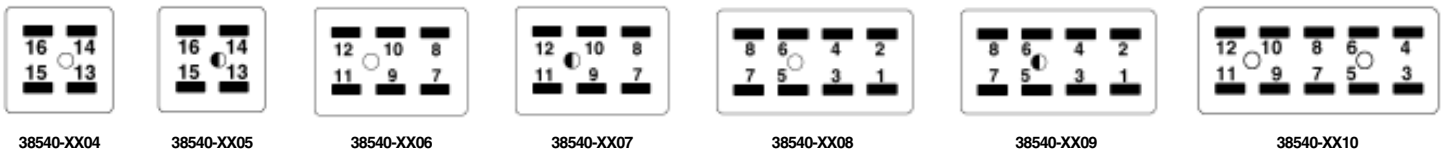
Molex offers a wide selection of contact tails. Consult factory for availablility and part numbers of other styles

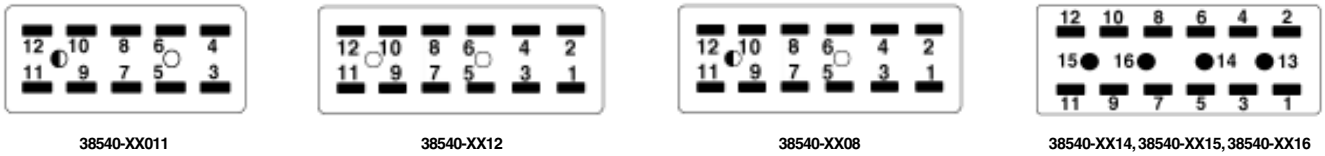



### Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

Polarizing position | Combination pre-grounding/polarizing position | Polarizing position - Current carrying contacts



| Part# | D | | T | |
|---|---|---|---|---|
| | in | mm | in | mm |
| 5404/05 | .44 | 11.1 | 1.23 | 31.4 |
| 5406/07 | .44 | 11.1 | 1.67 | 42.5 |
| 5408/09 | .56 | 14.3 | 2.11 | 53.6 |
| 5410/11 | .56 | 14.3 | 2.55 | 64.7 |
| 5412 | .63 | 15.9 | 2.98 | 75.8 |

| PLUGS | | SOCKETS | |
|---|---|---|---|
| Flared Hole Top (FHT) | | Flared Hole Top (FHT) | |
| Order # | Engineering # | Order # | Engineering # |
| 38540-8204 | P-5404-FHT | 38540-9204 | S-5404-FHT |
| 38540-8205 | P-5405-FHT | 38540-9205 | S-5405-FHT |
| 38540-8206 | P-5406-FHT | 38540-9206 | S-5406-FHT |
| 38540-8207 | P-5407-FHT | 38540-9207 | S-5407-FHT |
| 38540-8208 | P-5408-FHT | 38540-9208 | S-5408-FHT |
| 38540-8209 | P-5409-FHT | 38540-9209 | S-5409-FHT |
| 38540-8210 | P-5410-FHT | 38540-9210 | S-5410-FHT |
| 38540-8211 | P-5411-FHT | 38540-9211 | S-5411-FHT |
| 38540-8212 | P-5412-FHT | 38540-9212 | S-5412-FHT |
| 38540-8213 | P-5413-FHT | 38540-9213 | S-5413-FHT |
| 38540-8214 | P-5414-FHT | 38540-9214 | S-5414-FHT |
| 38540-8215 | P-5415-FHT | 38540-9215 | S-5415-FHT |
| 38540-8216 | P-5416-FHT | 38540-9216 | S-5416-FHT |

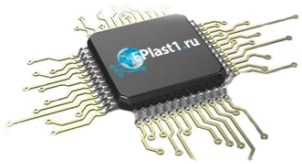
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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**Факс:** 8 (812) 320-02-42
**Электронная почта:** org@eplast1.ru
**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.