

## FASTIN-FASTON Product Line

### Product Facts

- Used for single and multiple connections
- Receptacles and tabs available for 6.3, 4.8 and 2.8 mm size (.250 – .187 and .110 Series)
- Receptacles mate with 0.5 and 0.8 thick tabs
- IEC 60335-1, Glow Wire 750° No Flame housings available
- RoHS Compliant

### Material and Finish

**Contacts** — Brass, and phosphor bronze base material. Tin and nickel plated products available

**Housings** — Polyamide UL 94 V2 and UL 94 V0

### Technical Documents

#### Application Specifications

114-2025 FASTIN-FASTON Product Line



TE FASTIN-FASTON connectors offer the advantage of the FASTON receptacles technology in multiple applications. In wiring harnesses, they are mainly used as multiposition and coupling connectors. Up to 8 position connectors can be mated in one operation with a maximum of 20 leads terminated.

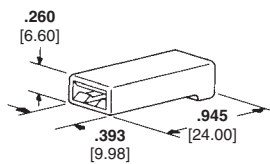
### Locking Contacts

Receptacles and tabs in this version comply fully with the FASTON receptacles product technology. The only difference is the addition of a locking lance, which helps ensure firm retention of contacts when snapped into housings. Wiring harnesses prefabricated with male or female connectors can be easily connected to mating counterparts, even if manufacturing occurred at a different site. Any application of this technology leads to essential time savings in final assembly.

## FASTIN-FASTON Product Line (Continued)

### 250 Series (6.3 mm)

#### Single Position Connectors (Housings)



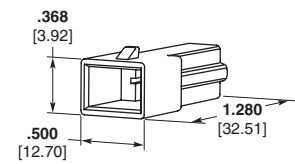
A — Receptacle Housing



B — Tab Housing



C — Receptacle Housing



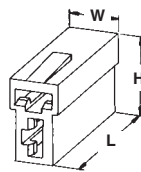
D — Tab Housing

| Style | Material | Color   | UL 94 | Note | Part Number | UL | SP |
|-------|----------|---------|-------|------|-------------|----|----|
| A     | Nylon    | Natural | V2    | —    | 480054-3    | X  | X  |
|       |          | Black   | V2    | —    | 480054-4    | X  | X  |
|       |          | Red     | V2    | —    | 480054-5    | X  | X  |
| B     | Nylon    | Natural | V0    | —    | 521290-1    | X  | X  |
|       |          | Natural | V2    | —    | 480053-3    | X  | X  |
|       |          | Black   | V2    | —    | 480053-4    | X  | X  |
|       |          | Red     | V2    | —    | 480053-5    | X  | X  |
| C     | Nylon    | Natural | V0    | —    | 521289-1    | X  | X  |
|       |          | Natural | V2    | —    | 521743-1    | X  | X  |
| D     | Nylon    | Natural | V2    | —    | 521744-1    | X  | X  |

<sup>1</sup> Flammability rating.

### 250 Series (6.3 mm)

#### 2 Position Connectors



D — Receptacle Housing

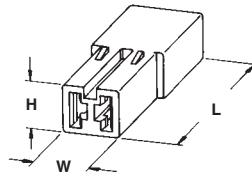


E — Tab Housing

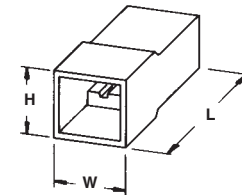
| Style | Material | Color   | UL 94 | Note              | Dimensions (mm) |       |      | Part Number | UL | SP |
|-------|----------|---------|-------|-------------------|-----------------|-------|------|-------------|----|----|
|       |          |         |       |                   | W               | L     | H    |             |    |    |
| D     | Nylon    | Natural | V2    | —                 | .402            | .902  | .654 | 180907-0    | —  | —  |
|       |          | Black   | V2    | —                 | 10.2            | 22.9  | 16.6 | 180907-5    | —  | —  |
|       |          | Natural | V0    | GWT 750° No Flame |                 |       |      | 1-180907-0  | —  | —  |
| E     | Nylon    | Natural | V2    | —                 | .500            | 1.224 | .791 | 180908-0    | —  | —  |
|       |          | Black   | V2    | —                 | 12.7            | 31.1  | 20.1 | 180908-5    | —  | —  |
|       |          | Natural | V0    | GWT 750° No Flame |                 |       |      | 880310-8    | —  | —  |

### 250 Series (6.3 mm)

#### 2 Position Connectors



F — Receptacle Housing



G — Tab Housing

| Style | Material | Color   | UL 94 | Note | Dimensions (mm) |       |      | Part Number | UL | SP |
|-------|----------|---------|-------|------|-----------------|-------|------|-------------|----|----|
|       |          |         |       |      | W               | L     | H    |             |    |    |
| F     | Nylon    | Natural | V2    | —    | .492            | .902  | .394 | 180923-0    | X  | —  |
|       |          | Black   | V2    | —    | 12.50           | 22.9  | 10.0 | 180923-5    | X  | —  |
|       |          | Natural | V0    | —    |                 |       |      | 4-180923-0  | X  | —  |
| G     | Nylon    | Natural | V2    | —    | .598            | 1.240 | .520 | 180924-0    | X  | —  |
|       |          | Black   | V2    | —    | 15.2            | 31.5  | 13.2 | 180924-5    | X  | —  |
|       |          | Natural | V0    | —    |                 |       |      | 4-180924-0  | X  | —  |

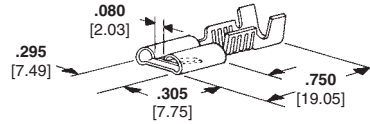
**Note:** All part numbers are RoHS compliant.

## FASTIN-FASTON Product Line (Continued)

### 250 Series

**Receptacles with Mating Dimple**  
(For use with single circuit connectors)

Fits Tab — .032 [0.81]  
Stock Thickness — .016 [0.41]



| Wire Range<br>AWG | Insulation<br>Diameter                          | Material<br>and Finish | Terminal<br>Part Number | UL | CS | Quick-Change<br>Applicator No. <sup>2</sup> |
|-------------------|-------------------------------------------------|------------------------|-------------------------|----|----|---------------------------------------------|
| 18-14             | .100-.170<br>2.54-4.32                          | Brass                  | 42281-1                 | X  | X  | 687940-2                                    |
|                   |                                                 | Tin Plated Brass       | 42281-2                 | X  | X  | 687940-2                                    |
|                   |                                                 | Brass                  | 60634-1 <sup>1</sup>    | X  | X  | 687940-2                                    |
| 16-12<br>(2) 16   | .160-.210<br>4.06-5.33<br>(2) .130 Max.<br>3.30 | Brass                  | 60249-1                 | X  | X  | 466057-2                                    |
|                   |                                                 | Tin Plated Brass       | 60249-2                 | X  | X  | 466057-2                                    |
| 11-10             | .157-.205<br>3.99-5.21                          | Brass                  | 160914-1                | —  | —  | —                                           |
|                   |                                                 | Tin Plated Brass       | 160914-2                | —  | —  | —                                           |

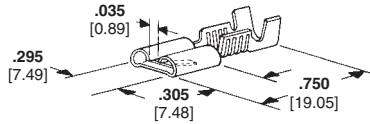
<sup>1</sup> No front slot.

<sup>2</sup> Quick-change applicator for AMP-O-LETRIC machine 565435-5.  
For AMPOMATOR machine and other machines not listed, contact TE.

### 250 Series

**Receptacles without Mating Dimple**  
(For use with multiple circuit connectors)

Fits Tab — .032 [0.81]  
Stock Thickness — .012 [0.30]



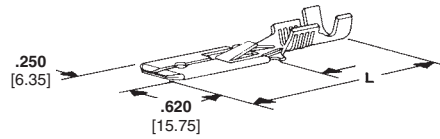
| Wire Range<br>AWG  | Insulation<br>Diameter                                | Material<br>and Finish | Terminal<br>Part Number | UL | CS | Quick-Change<br>Applicator No. <sup>1</sup> |
|--------------------|-------------------------------------------------------|------------------------|-------------------------|----|----|---------------------------------------------|
| 22-18              | .085-.125<br>2.16-3.18                                | Tin Plated Brass       | 60295-2                 | X  | X  | 687981-2                                    |
|                    | .060-.100<br>1.52-2.54                                | Tin Plated Brass       | 60413-1                 | X  | X  | 687979-3                                    |
| 18-14              | .100-.170<br>2.54-4.32                                | Brass                  | 42100-1                 | X  | X  | 687932-2                                    |
|                    |                                                       | Tin Plated Brass       | 42100-2                 | X  | X  | 687932-2                                    |
| 16-12 or<br>(2) 16 | .160-.210 or<br>4.06-5.33 or<br>(2) .130 Max.<br>3.30 | Tin Plated Brass       | 60253-2                 | X  | X  | 466058-2                                    |
| 12-10              | .134-.200<br>3.40-5.08                                | Brass                  | 180351-1                | —  | —  | —                                           |
|                    |                                                       | Pre-Tin Plated Brass   | 180351-2                | —  | —  | —                                           |

<sup>1</sup> Quick-change applicator for AMP-O-LETRIC machine 565435-5.

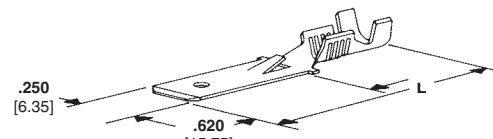
For AMPOMATOR machine and other machines not listed, contact TE.

### 250 Series

**Tab**  
(For use with single or multiple circuit connectors)  
Stock Thickness — .015 [0.38]



A



B

| Wire Range<br>AWG | Style | Tab<br>Thk.  | Insulation<br>Diameter | Dim.<br>L      | Material<br>and Finish | Terminal<br>Part No. | UL | CS | Quick-Change<br>Applicator No. <sup>2</sup> |
|-------------------|-------|--------------|------------------------|----------------|------------------------|----------------------|----|----|---------------------------------------------|
| 22-18             | A     | .032<br>0.81 | .085-.125<br>2.16-3.18 | 1.105<br>28.07 | Brass                  | 62553-1              | X  | X  | 687982-2                                    |
|                   |       |              |                        |                | Tin Plated Brass       | 62553-3              | X  | X  | 687982-2                                    |
| 18-14             | A     | .032<br>0.81 | .100-.170<br>2.54-4.32 | 1.105<br>28.07 | Brass                  | 42460-1              | X  | X  | 687839-2                                    |
|                   |       |              |                        |                | Tin Plated Brass       | 42460-2              | X  | X  | 687839-2                                    |
|                   | B     | .016<br>0.41 | .120-.145<br>3.05-3.68 | 1.100<br>27.94 | Tin Plated Brass       | 42580-2 <sup>1</sup> | X  | X  | 687839-2                                    |
| 14-10             | A     | .032<br>0.81 | .120-.170<br>3.05-4.32 | 1.105<br>28.07 | Tin Plated Brass       | 60701-1 <sup>3</sup> | X  | X  | 466092-2                                    |

<sup>1</sup> Used for back-to-back with a combined thickness of .032 [0.81].

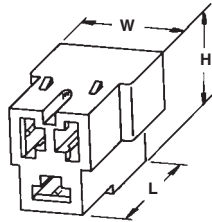
<sup>2</sup> Quick-change applicator for AMP-O-LETRIC machine 565435-5.  
For AMPOMATOR machine and other machines not listed, contact TE.

<sup>3</sup> 9600 cma max.

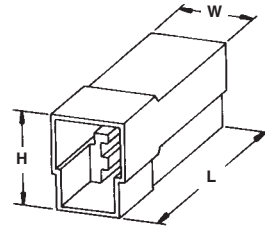
**Note:** All part numbers are RoHS compliant.

## FASTIN-FASTON Product Line (Continued)

### 250 Series (6.3 mm) 3 Position Connectors



G — Receptacle Housing



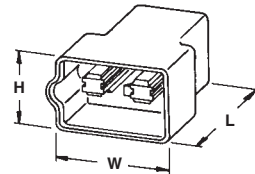
H — Tab Housing

| Style | Material  | Color   | UL 94 | Note              | Dimensions (mm) |       |      | Part Number |  |  |
|-------|-----------|---------|-------|-------------------|-----------------|-------|------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       |           |         |       |                   | W               | L     | H    |             |                                                                                     |                                                                                     |
| G     | Polyamide | Natural | V2    | —                 | .598            | .902  | .705 | 180941-0    | —                                                                                   | —                                                                                   |
|       |           | Black   | V2    | —                 | 15.2            | 22.9  | 17.9 | 180941-5    | —                                                                                   | —                                                                                   |
|       |           | Natural | V2    | GWT 750° No Flame |                 |       |      | 2-180941-0  | —                                                                                   | —                                                                                   |
| E     | Polyamide | Natural | V2    | —                 | .598            | 1.252 | .783 | 180940-0    | —                                                                                   | —                                                                                   |
|       |           | Black   | V2    | —                 | 15.2            | 31.8  | 19.9 | 180940-5    | —                                                                                   | —                                                                                   |
|       |           | Natural | V2    | GWT 750° No Flame |                 |       |      | 2-180940-0  | —                                                                                   | —                                                                                   |

### 250 Series (6.3 mm) 4 Position Connectors



L — Receptacle Housing



M — Tab Housing

| Style | Material  | Color   | UL 94 | Note              | Dimensions (mm) |       |      | Part Number |  |  |
|-------|-----------|---------|-------|-------------------|-----------------|-------|------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|       |           |         |       |                   | W               | L     | H    |             |                                                                                       |                                                                                       |
| L     | Polyamide | Natural | V2    | —                 | .909            | .949  | .606 | 180900-0    | X                                                                                     | —                                                                                     |
|       |           | Black   | V2    | —                 | 23.1            | 24.1  | 15.4 | 180900-5    | X                                                                                     | —                                                                                     |
|       |           | Natural | V0    | GWT 750° No Flame |                 |       |      | 2-880110-0  | —                                                                                     | —                                                                                     |
| M     | Polyamide | Natural | V2    | —                 | 1.031           | 1.240 | .650 | 180901-0    | X                                                                                     | —                                                                                     |
|       |           | Black   | V2    | —                 | 26.2            | 31.5  | 16.5 | 180901-5    | X                                                                                     | —                                                                                     |
|       |           | Natural | V0    | GWT 750° No Flame |                 |       |      | 2-626541-0  | —                                                                                     | —                                                                                     |

**Note:** All part numbers are RoHS compliant.

## FASTIN-FASTON Product Line (Continued)

### 250 Series 6 Circuit Connectors (Housings)



Receptacle Housing



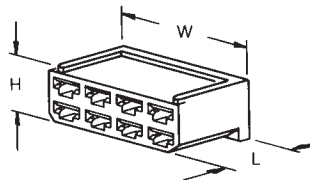
Tab Housing

| Material | UL 94 <sup>1</sup> | Color   | Part Numbers            |            |   |   |
|----------|--------------------|---------|-------------------------|------------|---|---|
|          |                    |         | Receptacle              | Tab        |   |   |
| Nylon    | V2                 | Natural | 480003-5                | 480004-5   | X | X |
|          |                    | Black   | 1-480281-0 <sup>2</sup> | 1-480282-0 | X | X |

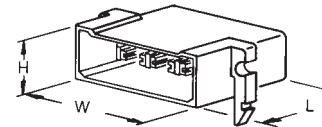
<sup>1</sup> Flammability rating.

<sup>2</sup> No mounting ears.

### 250 Series (6.3 mm) 8 Position Connectors



Q — Receptacle Housing



R — Tab Housing

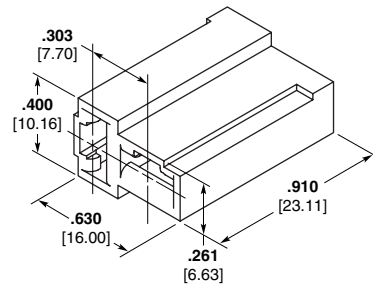
| Style | Material  | Color   | UL 94 | Note | Dimensions (mm) |               |              | Part Number |   |   |
|-------|-----------|---------|-------|------|-----------------|---------------|--------------|-------------|---|---|
|       |           |         |       |      | W               | L             | H            |             |   |   |
| Q     | Polyamide | Natural | V2    | —    | 1.484<br>37.7   | .949<br>24.1  | .654<br>16.6 | 163007-0    | — | — |
| R     | Polyamide | Natural | V2    | —    | 1.579<br>40.1   | 1.283<br>32.6 | .720<br>18.3 | 163008-0    | — | — |

**Note:** All part numbers are RoHS compliant.

## FASTIN-FASTON Product Line (Continued)

### 250 Series

#### 2 Circuit "T" Housing



Receptacle Housing



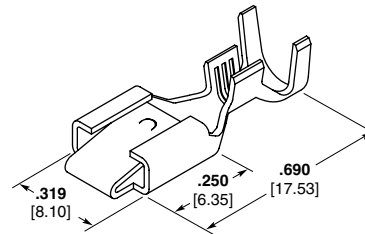
Tab Housing

| Material | UL 94 <sup>1</sup> | Color | Part Numbers |                       |   |   |
|----------|--------------------|-------|--------------|-----------------------|---|---|
|          |                    |       | Receptacle   | Tab                   |   |   |
| Nylon    | V2                 | Black | 480115-3     | —                     | — | — |
|          |                    |       | —            | 480116-3 <sup>2</sup> | X | X |

<sup>1</sup> Flammability rating.

<sup>2</sup> For use only with packard style tabs.

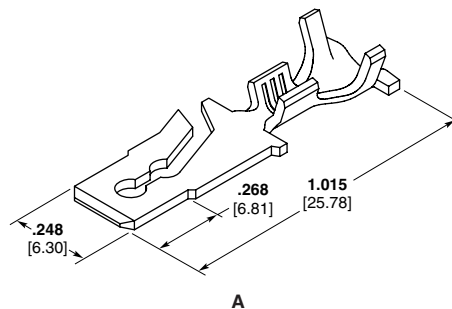
#### Packard Style Receptacles



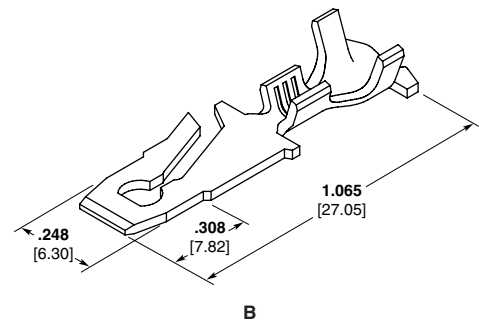
| Wire Range<br>AWG | Insulation<br>Diameter | Material<br>and Finish | Terminal<br>Part Number |   |   | Applicator No. |
|-------------------|------------------------|------------------------|-------------------------|---|---|----------------|
| 20-16             | .145<br>3.68 Max.      | Brass                  | 640841-1                | — | — | 466791-2       |
|                   |                        | Brass                  | 640417-1                | — | — | 466704-2       |
| 18-14             | .154<br>3.91 Max.      | Pre-Tin Plated Brass   | 640417-2                | — | — | 466704-2       |
|                   |                        | Brass                  | 640418-1 <sup>1</sup>   | — | — | 466704-2       |
|                   |                        | Pre-Tin Plated Brass   | 640418-2 <sup>1</sup>   | — | — | 466704-2       |

<sup>1</sup> No Dimple.

#### Packard Style Tabs



A



B

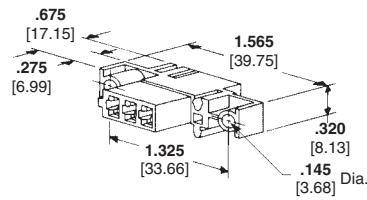
| Wire Range<br>AWG | Style | Stock<br>Thk. | Insulation<br>Diameter | Material<br>and Finish | Terminal<br>Part Number |   |   | Applicator No. |
|-------------------|-------|---------------|------------------------|------------------------|-------------------------|---|---|----------------|
| 18-14             | A     | .032<br>0.81  | .100-.142<br>2.54-3.61 | Brass                  | 640416-1                | — | — | 466707-4       |
|                   |       | .032<br>0.81  | .110-.142<br>2.79-3.61 | Tin Plated Brass       | 640416-2                | — | — | 466707-4       |
| 16-14             | B     | .032<br>0.81  | .090-.130<br>2.29-3.30 | Tin Plated Brass       | 60794-2                 | — | — | 687888-6       |
| 14-12             | A     | .032<br>0.81  | .140-.175<br>3.56-4.45 | Tin Plated Brass       | 1217148-1               | — | — | 680808-2       |

**Note:** All part numbers are RoHS compliant.

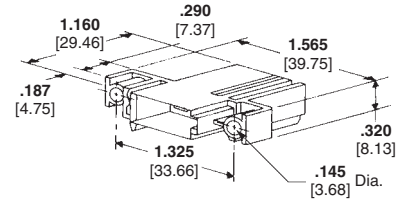
## FASTIN-FASTON Product Line (Continued)

### 187 Series

#### Modular Connector Housings



Receptacle Housing



Tab Housing

| Material | UL 94 <sup>1</sup> | Color   | Part Numbers |            | UL | SP <sup>®</sup> |
|----------|--------------------|---------|--------------|------------|----|-----------------|
|          |                    |         | Receptacle   | Tab        |    |                 |
| Nylon    | V2                 | Natural | 1-480252-0   | 1-480251-0 | X  | X               |

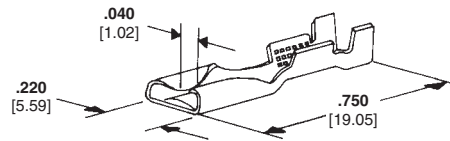
<sup>1</sup> Flammability rating.

<sup>2</sup> Special mounting mates with all receptacle housings listed above.

### 187 Series

#### Modular Connector Receptacles

Fits Tab — .016 [0.41]

Insulation Diameter —  
.090-.130 [2.29-3.30] or  
(2) .110 [2.79] Max.


| Wire Range<br>AWG  | Stock<br>Thickness | Material<br>and Finish | Terminal<br>Part No. | UL | SP <sup>®</sup> | Quick-Change<br>Applicator No. <sup>1</sup> |
|--------------------|--------------------|------------------------|----------------------|----|-----------------|---------------------------------------------|
| 20-16 or<br>(2) 20 | .012<br>0.30       | Pre-Tin Brass          | 60435-1              | X  | X               | 687993-2                                    |

<sup>1</sup> Quick-change applicator for AMP-O-LECTRIC machine 565435-5.

For AMPOMATOR machine and other machines not listed, contact TE.

### 187 Series

#### Modular Connector Tabs

Tab Thickness — .016 [0.41]

Insulation Diameter —  
.090-.130 [2.29-3.30]  
or (2) .110 [2.79] Max.


| Wire Range<br>AWG  | Stock<br>Thickness | Material<br>and Finish | Terminal<br>Part No. | UL | SP <sup>®</sup> | Quick-Change<br>Applicator No. <sup>1</sup> |
|--------------------|--------------------|------------------------|----------------------|----|-----------------|---------------------------------------------|
| 20-16 or<br>(2) 20 | .016<br>0.41       | Pre-Tin Brass          | 60434-1              | X  | X               | 687995-2                                    |

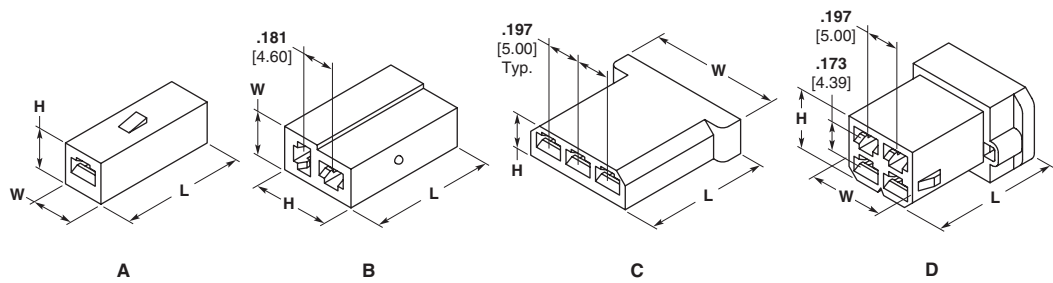
<sup>1</sup> Quick-change applicator for AMP-O-LECTRIC machine 565435-5.

For AMPOMATOR machine and other machines not listed, contact TE.

**Note:** All part numbers are RoHS compliant.

## FASTIN-FASTON Product Line (Continued)

### 110 Series Receptacle Housings



| Type | Number of Positions | Material | Color   | Dimensions    |               |               | Part Number           | UL | SP |
|------|---------------------|----------|---------|---------------|---------------|---------------|-----------------------|----|----|
|      |                     |          |         | W             | H             | L             |                       |    |    |
| A    | 1                   | Nylon    | Natural | .236<br>5.99  | .236<br>5.99  | .710<br>18.01 | 626062-0              | —  | —  |
| B    | 2                   | Nylon    | Natural | .248<br>6.30  | .442<br>11.23 | .710<br>18.01 | 626064-0              | —  | —  |
| C    | 2                   | Nylon    | Natural | .551<br>14.00 | .200<br>5.00  | .710<br>18.03 | 925014-0 <sup>1</sup> | —  | —  |
|      | 3                   | Nylon    | Natural | .748<br>19.00 | .200<br>5.00  | .710<br>18.03 | 925015-0              | —  | —  |
|      | 4                   | Nylon    | Natural | .945<br>24.00 | .200<br>5.00  | .710<br>18.03 | 925016-0 <sup>1</sup> | —  | —  |
| D    | 4                   | Nylon    | Natural | .423<br>10.74 | .344<br>8.74  | .708<br>17.98 | 626056-0              | —  | —  |

<sup>1</sup> Not shown.

### 110 Series Tab Housings

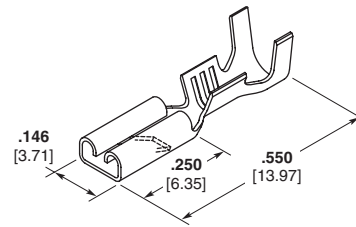


| Type | Number of Positions | Material | Color   | Dimensions    |               |               | Part Number | UL | SP |
|------|---------------------|----------|---------|---------------|---------------|---------------|-------------|----|----|
|      |                     |          |         | W             | H             | L             |             |    |    |
| A    | 1                   | Nylon    | Natural | .327<br>8.31  | .327<br>8.31  | 1.00<br>25.43 | 626063-0    | —  | —  |
| B    | 2                   | Nylon    | Natural | .264<br>6.71  | .516<br>13.11 | 1.00<br>25.43 | 626065-0    | —  | —  |
| C    | 3                   | Nylon    | Natural | .629<br>15.98 | .284<br>7.21  | 1.08<br>27.48 | 925475-1    | —  | —  |
|      | 3                   | Nylon    | Black   | .629<br>15.98 | .284<br>7.21  | 1.08<br>27.48 | 925475-2    | —  | —  |
| D    | 4                   | Nylon    | Natural | .512<br>13.00 | .433<br>11.00 | 1.08<br>27.33 | 626057-0    | —  | —  |

**Note:** All part numbers are RoHS compliant.

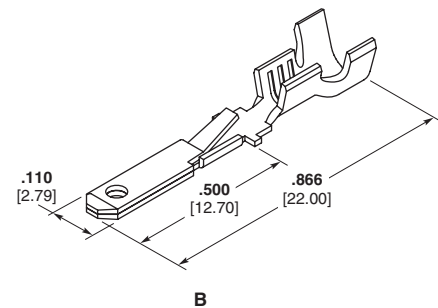
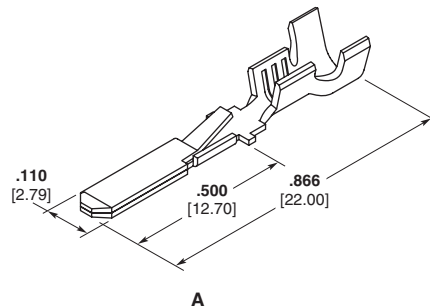
## FASTIN-FASTON Product Line (Continued)

### 110 Series Receptacles



| Wire Range<br>AWG | Tab<br>Fit   | Insulation<br>Diameter | Material<br>and Finish | Terminal<br>Part No. | UL | SP |
|-------------------|--------------|------------------------|------------------------|----------------------|----|----|
| 24-20             | .032<br>0.81 | .050-.080<br>1.27-2.03 | Pre-Tin Brass          | 1217281-2            | —  | —  |
| 22-18             | .020<br>0.51 | .080-.120<br>2.03-3.05 | Pre-Tin Brass          | 63241-3              | —  | —  |
| 20-16             | .032<br>0.81 | .080-.120<br>2.03-3.05 | Pre-Tin Brass          | 62572-6              | —  | —  |
| 18-14             | .032<br>0.81 | .060-.110<br>1.52-2.79 | Pre-Tin Brass          | 1217321-2            | —  | —  |

### 110 Series Tabs



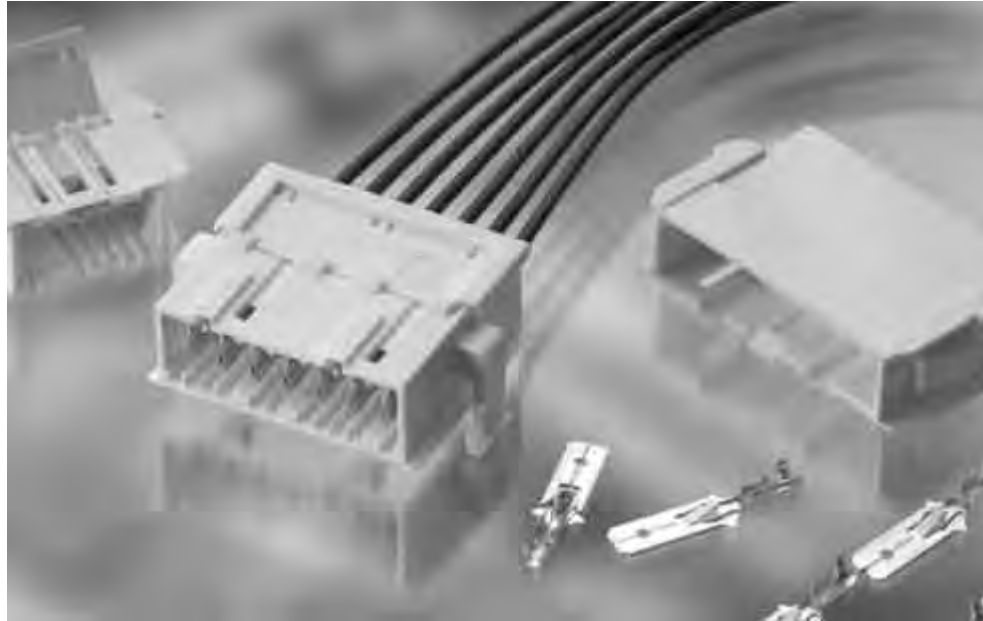
| Wire Range<br>AWG | Style | Tab<br>Thk.  | Insulation<br>Diameter | Material<br>and Finish | Terminal<br>Part No. | UL | SP |
|-------------------|-------|--------------|------------------------|------------------------|----------------------|----|----|
| 20-16             | A     | .032<br>0.81 | .090-.120<br>2.30-3.05 | Tin Plated<br>Brass    | 160743-4             | X  | X  |
|                   | B     | .032<br>0.81 | .090-.120<br>2.30-3.05 | Tin Plated<br>Brass    | 160762-4             | —  | —  |

**Note:** All part numbers are RoHS compliant.

## FASTIN-FASTON Product Line — Tab Housings RAST 5

### Product Facts

- Meets IEC 60335-1, Glow Wire 750° No Flame
- Accepts TE FASTIN-FASTON tabs 6.3 x 0.8 mm size
- Mating TE connector families include AMP MONO-SHAPE, AMP multifitting, AMP standard timer and Positive Lock RAST 5 connector system
- Available in different keying and locking versions, from 2 to 10 positions
- Available for panel and motor mounting
- Provided with secondary locking
- RoHS compliant



### Technical Documents

#### Product Specifications

108-20256 Panel Mount Housings

108-20247 Panel Mount Housings

The RAST 5 Standard defines and standardizes the connector mating interface. FASTIN-FASTON product line 6.3 mm size tabs are placed into 5 mm centerline cavities and the housings are provided with keying, polarization, and locking features that help prevent mismatching of the corresponding RAST 5 interfaces.

The FASTIN-FASTON RAST 5 system is designed to accept the most common TE RAST 5 connector families including AMP MONO-SHAPE, AMP multifitting, AMP standard timer and Positive Lock RAST 5 connector system. The Positive Lock RAST 5 connector system requires the use of a FASTIN-FASTON tab with a special detent hole location to engage the positive locking feature.

The most common application for this product is for household appliance components (motors for washing machines, dishwashers, dryers, refrigerators...) where OEM's want to minimize the possibility of crossed wires.

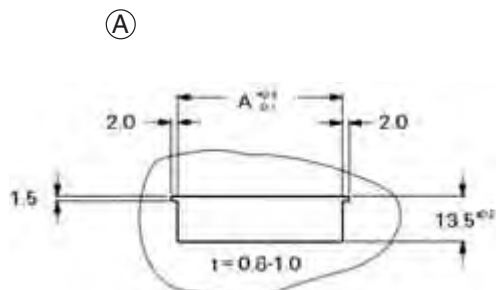
## FASTIN-FASTON Product Line — Tab Housings RAST 5 (Continued)

### Technical Features

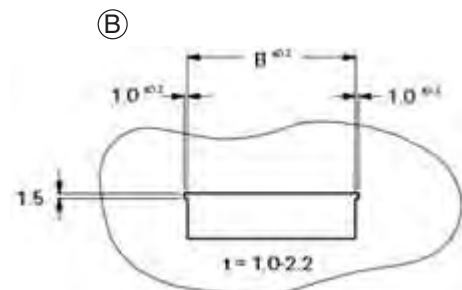
- ① Locking tongue locks with the keying rib of the counter part (see table)
- ② Locking window locks with locking latches of the counter part (see table)
- ③ Keying groove
- ④ Polarization groove
- ⑤ Cover (secondary locking)
- ⑥ Panel locking
  - Ⓐ For panel thickness from 0.8 up to 1.0 mm
  - Ⓑ For panel thickness from 1.0 up to 2.2 mm
- ⑦ Tabs 6.3 x 0.8 mm (see table)



### Panel Cut-Outs



Dimension A = No. of Pos. x 5 + 9.0 mm



Dimension B = No. of Pos. x 5 + 9.8 mm

## FASTIN-FASTON Product Line — Tab Housings RAST 5 (Continued)

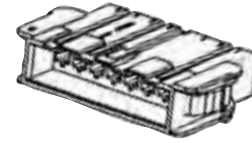
### Panel Mount Housings

**Material** — Polyamide

**Color** — Natural



**C** — with Secondary Locking



**D** — without Secondary Locking

| Positions | RAST 5 Polarizations                                                                | Panel Cut-Out | Style | UL 94 | Note              | Part Number |
|-----------|-------------------------------------------------------------------------------------|---------------|-------|-------|-------------------|-------------|
| 2         |    | A             | C     | V2    | GWT 750° No Flame | 9-927742-2  |
|           |                                                                                     |               |       | V0    | —                 | 927742-2    |
|           |                                                                                     |               | D     | V2    | —                 | 5-927742-2  |
|           |                                                                                     |               |       | V0    | —                 | 5-293035-2  |
|           |                                                                                     | B             | C     | V2    | —                 | 964492-2    |
|           |                                                                                     |               |       | V0    | —                 | 5-964492-2  |
| 3         |    | A             | C     | V2    | GWT 750° No Flame | 293008-1    |
|           |                                                                                     |               |       | V0    | —                 | 928230-3    |
|           |                                                                                     | A             | C     | V2    | GWT 750° No Flame | 9-927742-3  |
|           |                                                                                     |               |       | V0    | —                 | 927742-3    |
|           |                                                                                     | A             | C     | V2    | GWT 750° No Flame | 293009-1    |
|           |                                                                                     |               |       | V0    | —                 | 293009-2    |
| 4         |   | A             | C     | V2    | GWT 750° No Flame | 9-927742-4  |
|           |                                                                                     |               |       | V0    | —                 | 927742-4    |
|           |                                                                                     | A             | C     | V2    | GWT 750° No Flame | 293011-1    |
|           |                                                                                     |               |       | V0    | —                 | 927742-5    |
|           |                                                                                     | B             | C     | V2    | GWT 750° No Flame | 5-964492-5  |
|           |                                                                                     |               |       | V0    | —                 | 964492-5    |
| 5         |  | A             | C     | V2    | GWT 750° No Flame | 293010-1    |
|           |                                                                                     |               |       | V0    | —                 | 293010-2    |
|           |                                                                                     | B             | C     | V2    | —                 | 1241857-5   |
|           |                                                                                     |               |       | V0    | —                 | 293161-1    |

## FASTIN-FASTON Product Line — Tab Housings RAST 5 (Continued)

### Panel Mount Housings

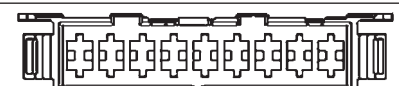
(Continued)

**Material** — Polyamide

**Color** — Natural

**C — with Secondary Locking**

**D — without Secondary Locking**

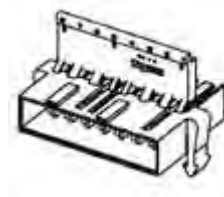
| Positions | RAST 5 Polarizations                                                                | Panel Cut-Out | Style | UL 94 | Note              | Part Number |
|-----------|-------------------------------------------------------------------------------------|---------------|-------|-------|-------------------|-------------|
| 6         |    | A             | C     | V2    | —                 | 927742-6    |
|           |                                                                                     |               |       | V0    | —                 | 5-927742-6  |
|           |    | B             | D     | V2    | GWT 750° No Flame | 5-1241967-6 |
| 7         |    | A             | C     | V2    | GWT 750° No Flame | 293034-1    |
|           |                                                                                     |               |       |       |                   | 293044-1    |
|           |                                                                                     |               |       |       |                   | 927742-7    |
|           |                                                                                     |               |       |       |                   | 284985-1    |
|           |                                                                                     |               |       |       |                   | 928309-7    |
| 8         |  | A             | C     | V2    | GWT 750° No Flame | 284986-1    |
|           |                                                                                     |               |       |       |                   | 928309-8    |
|           |                                                                                     |               |       |       |                   | 293043-1    |
|           |                                                                                     |               |       |       |                   | 5-1241967-8 |
|           |                                                                                     |               |       |       |                   | 1241967-8   |
|           |                                                                                     |               |       |       |                   | 5-1241969-8 |
| 9         |  | B             | D     | V2    | GWT 750° No Flame | 293033-1    |
|           |                                                                                     |               |       |       |                   | 1241969-8   |
| 10        |  | A             | D     | V2    | GWT 750° No Flame | 1-1241968-5 |
|           |                                                                                     |               |       |       |                   | 1-1241968-0 |

## FASTIN-FASTON Product Line — Tab Housings RAST 5 (Continued)

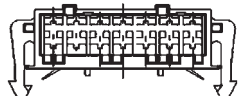
### Motor Mount Housings

**Material** — Polyamide

**Color** — Natural



E

| Positions | RAST 5 Polarizations                                                               | Panel Cut-Out | Style | UL 94 | Note              | Part Number |
|-----------|------------------------------------------------------------------------------------|---------------|-------|-------|-------------------|-------------|
| 7         |   | —             | E     | V2    | GWT 750° No Flame | 293014-1    |
|           |   | —             | E     | V2    | GWT 750° No Flame | 293015-1    |
|           |   | —             | E     | V2    | GWT 750° No Flame | 1-293015-1  |
| 8         |  | —             | E     | V2    | GWT 750° No Flame | 284861-1    |
|           |                                                                                    |               |       | V0    | —                 | 284861-3    |

## FASTON Uninsulated Terminals — Loose Piece

### FASTON Terminals Strip/Loose Piece Cross Reference

FASTON terminals have been designed for speed of application using selected terminating machines; however, hand tools are also available for those terminals listed.

#### RECEPTACLES 250 Series

| Wire Range<br>AWG | Strip<br>Part No. | Loose Piece<br>Part No. | Description                | Hand Tool<br>Part No. |
|-------------------|-------------------|-------------------------|----------------------------|-----------------------|
| 22-18             | 41772             | 60878-2                 | Premier Receptacle         | 91514-1               |
|                   | 61988-2           | 62274-1                 | Receptacle/Tab Combination | 91514-1               |
| 18-14             | 41274             | 41729                   | Premier Receptacle         | 90165-1               |
|                   | 41774             | 42025-1                 | Hermetic Receptacle        | 90165-1               |
|                   | 42219-1           | 60705-1                 | Premier Receptacle         | 90165-1               |
|                   | 61944-1           | 60279-1                 | Piggyback Receptacle       | 189508-1              |
|                   | 61944-2           | 60279-2                 | Piggyback Receptacle       | 189508-1              |
|                   | 42100-1           | 42238-1                 | FASTIN-FASTON              | 720725-1 or 91557-1   |
|                   | 42100-2           | 42238-2                 | FASTIN-FASTON              | —                     |
|                   | 42281-1           | 42282-1                 | FASTIN-FASTON              | 90165-1               |
|                   | 42281-2           | 42282-2                 | FASTIN-FASTON              | —                     |
|                   | 60290-2           | 60419-2                 | "F" Crimp Flag             | 90045                 |
| 18-12             | 41532             | 41898                   | Tab-Lok Flag               | 47417                 |
|                   | 42742-1           | 60102-1                 | Tab-Lok Flag               | 47417                 |
| 16-12             | 41728             | 42021                   | Premier Receptacle         | 47094                 |
| 14-10             | 41450             | 61227-1                 | Premier Receptacle         | 90120                 |
|                   | 62049-2           | 62090-1                 | Piggyback                  | —                     |
| 12-10             | 60851-1           | 60851-3                 | Hermetic Flag              | —                     |

#### Receptacles 187 Series

| Wire Range<br>AWG | Strip<br>Part No. | Loose Piece<br>Part No. | Description             | Hand Tool<br>Part No. |
|-------------------|-------------------|-------------------------|-------------------------|-----------------------|
| 20-16             | 42452-1           | 42566-1                 | Premier Receptacle      | 91509-1               |
|                   | 42452-2           | 42566-2                 | Premier Receptacle      | 91509-1               |
|                   | 42373-2           | 42638-2                 | Premier (No Insulation) | —                     |
|                   | 60435-1           | 60520-1                 | FASTIN-FASTON           | 90088                 |
|                   | 62026-1           | 62228-1                 | Piggyback Receptacle    | —                     |

#### Receptacles 110 Series

| Wire Range<br>AWG | Strip<br>Part No. | Loose Piece<br>Part No. | Description                | Hand Tool<br>Part No. |
|-------------------|-------------------|-------------------------|----------------------------|-----------------------|
| 22-18             | 42068-1           | 42470-1                 | Receptacle                 | 91511-1               |
|                   | 62003-2           | 62112-2                 | Receptacle/Tab Combination | —                     |
|                   | 60900-1           | 61454-1                 | Tab Receptacle             | —                     |

#### 250 Series Tabs

| Wire Range<br>AWG | Strip<br>Part No. | Loose Piece<br>Part No. | Description   | Hand Tool<br>Part No. |
|-------------------|-------------------|-------------------------|---------------|-----------------------|
| 22-18             | 60294-1           | 61316-1                 | FASTIN-FASTON | 91514-1               |
| 18-14             | 41412             | 41778                   | Crimp Type    | —                     |
|                   | 42460-2           | 42565-2                 | FASTIN-FASTON | 90165-1               |

**Note:** All part numbers are RoHS compliant.



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;
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- 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.);

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- 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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