

# 3M™ Textool™ Receptacles for DIP Sockets



- Matching receptacle for every ZIP DIP Socket, including “Universal DIP” and “Shrink DIP”
- Mounting flanges hold receptacle to board
- Pre-tapped holes in receptacle body mate with screw-hole in socket to hold socket firmly to receptacle (2 screws provided with each receptacle)
- Available in wire-wrap and solder-tail options, with and without mounting flanges

Date Modified: September 17, 2012

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## Physical

### Insulation

Material: Glass Filled Polysulfone

Flammability: UL 94V-0

Color: Green

**Marking:** 3M Logo & Part Number Identifier

### Contact:

Material: Beryllium Copper

Plating: 30 μ” (0.76 μm) Gold over 50 μ” (1.3 μm) Nickel

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## Electrical

**Current Rating:** 1 Amp

**Insulation Resistance:** > 1 10<sup>9</sup> W at 500 Vdc

**Withstanding Voltage:** 1,000 Vrms at Sea Level

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## Environmental

**Operating Temperature Rating:** - 55°C to +125°C



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# 3M™ Textool™ Receptacles for DIP Sockets

| Receptacle Part Numbers | Dimensions     |                |                 |                  |                 |                  |                |               |
|-------------------------|----------------|----------------|-----------------|------------------|-----------------|------------------|----------------|---------------|
|                         | A              | B              | C               | D                | E               | F                | G              | H             |
| 214-3339-XX             | 1.00<br>[25.4] | .60<br>[15.2]  | 1.28<br>[32.5]  | .820<br>[20.83]  | .300<br>[7.62]  | .600<br>[15.26]  | .100<br>[2.54] | .40<br>[10.2] |
| 216-3340-XX             | .96<br>[24.4]  | .56<br>[14.2]  | 1.37<br>[34.8]  | .773<br>[19.63]  | .300<br>[7.62]  | .700<br>[17.78]  |                |               |
| 218-3341-XX             | .95<br>[24.1]  | .55<br>[14.0]  | 1.49<br>[37.8]  | .770<br>[19.56]  |                 | .804<br>[20.42]  |                |               |
| 220-3342-XX             | 1.00<br>[25.4] | .60<br>[15.2]  | 1.58<br>[40.1]  | .820<br>[20.83]  |                 | .900<br>[22.86]  |                |               |
| 222-3343-XX             | 1.06<br>[26.9] | .65<br>[16.5]  | 1.69<br>[42.9]  | .870<br>[22.09]  | .400<br>[10.16] | 1.005<br>[25.53] |                |               |
| 224-1275-XX             | 1.26<br>[32.0] | .86<br>[21.8]  | 1.77<br>[45.0]  | 1.080<br>[27.43] | .600<br>[15.24] | 1.100<br>[28.14] |                |               |
| 224-5248-XX             | .96<br>[24.4]  | .56<br>[14.2]  |                 | .773<br>[19.63]  | .300<br>[7.62]  |                  |                |               |
| 228-1277-XX             | 1.26<br>[32.0] | .86<br>[21.8]  | 1.98<br>[50.3]  | 1.085<br>[27.56] | .600<br>[15.24] | 1.300<br>[33.02] |                |               |
| 228-4817-XX             | 1.06<br>[26.9] | .66<br>[16.8]  |                 | .887<br>[22.53]  | .400<br>[10.16] | 1.301<br>[33.05] |                |               |
| 228-1290-XX             | 1.09<br>[27.9] | .70<br>[17.8]  |                 | 1.59<br>[40.5]   |                 | .92<br>[23.4]    |                |               |
| 232-1285-XX             | 1.25<br>[32.0] | .86<br>[21.9]  | 2.17<br>[55.2]  | 1.08<br>[27.5]   | .600<br>[15.24] | 1.500<br>[38.10] | .100<br>[2.54] | .40<br>[10.2] |
| 240-3639-XX             | 1.66<br>[42.2] | 1.26<br>[32.0] | 2.58<br>[65.5]  | 1.480<br>[37.59] | 1.000<br>[25.4] | 1.900<br>[48.26] |                |               |
| 240-1280-XX             | 1.27<br>[32.3] | .86<br>[21.8]  |                 | 1.085<br>[27.56] | .600<br>[15.24] | 1.900<br>[48.26] |                |               |
| 242-1293-XX             | 1.30<br>[33.0] | .90<br>[22.9]  | 2.08<br>[52.9]  | 1.12<br>[28.5]   | .600<br>[15.24] | 1.460<br>[37.08] | .070<br>[1.78] | .41<br>[10.4] |
| 242-1281-XX             | 1.26<br>[32.0] | .86<br>[21.8]  | 2.68<br>[68.1]  | 1.080<br>[27.43] | .600<br>[15.24] | 2.00<br>[50.80]  | .100<br>[2.54] | .40<br>[10.2] |
| 248-1282-XX             | 1.25<br>[31.8] |                | 2.98<br>[75.8]  | 1.070<br>[27.18] | .600<br>[15.24] | 2.500<br>[63.50] |                | .50<br>[12.7] |
| 264-1300-XX             | 1.52<br>[38.5] | 1.11<br>[28.3] | 2.85<br>[72.5]  | 1.34<br>[34.0]   | .800<br>[20.32] | 2.230<br>[56.64] | .070<br>[1.78] | .41<br>[10.4] |
| 264-4493-XX             | 1.70<br>[43.2] | 1.30<br>[33.0] | 3.95<br>[100.3] | 1.520<br>[38.61] | .900<br>[22.86] | 3.243<br>[82.37] | .100<br>[2.54] | .50<br>[12.7] |
| 290-1294-XX             | 1.61<br>[40.8] | 1.19<br>[30.2] | 3.77<br>[95.7]  | 1.42<br>[36.0]   |                 | 3.150<br>[80.01] | .070<br>[1.78] | .41<br>[10.4] |



# 3M™ Textool™ Receptacles for DIP Sockets

| Ordering Information    |                  |                 |                       |
|-------------------------|------------------|-----------------|-----------------------|
| Receptable Part Numbers | Contact Quantity | Dimensions      |                       |
|                         |                  | Contact Spacing | Distance Between Rows |
| 3 214-3339-XX-0602J     | 14               | .100 [2.54]     | .300 [ 7.62 ]         |
| 3 216-3340-XX-0602J     | 16               |                 |                       |
| 3 218-3341-XX-0602J     | 18               |                 |                       |
| 3 220-3342-XX-0602J     | 20               |                 |                       |
| 3 222-3343-XX-0602J     | 22               |                 |                       |
| 1 224-1275-XX-0602J     | 24               |                 | .400 [ 10.16 ]        |
| 3 224-5248-XX-0602J     |                  |                 | .600 [ 15.24 ]        |
| 1 228-1277-XX-0602J     | 28               |                 | .300 [ 7.62 ]         |
| 3 228-4817-XX-0602J     |                  |                 | .600 [ 15.24 ]        |
| 2 228-1290-XX-0602J     |                  |                 | .400 [ 10.16 ]        |
| 1 232-1285-XX-0602J     | 32               | .070 [ 1.78 ]   | .600 [15.24]          |
| 3 240-3639-XX-0602J     | 40               | .100 [2.54]     | 1.000 [25.40]         |
| 1 240-1280-XX-0602J     |                  |                 | .600 [15.24]          |
| 2 242-1293-XX-0602J     | .070 [ 1.78 ]    |                 |                       |
| 1 242-1281-XX-0602J     | .100 [2.54]      |                 |                       |
| 1 248-1282-XX-0602J     | 48               | .070 [ 1.78 ]   | .800 [ 20.32 ]        |
| 2 264-1300-XX-0602J     | 64               |                 |                       |
| 3 264-4493-XX-0602J     |                  | .100 [2.54]     | .900 [ 22.86 ]        |
| 2 290-1294-XX-0602J     | 90               | .070 [ 1.78 ]   |                       |

Contact Tail Length:

XX = 09, .13 [ 3.3 ] Solder Tail w/ flanges  
 = 19, .62 [ 15.8 ] Wire Wrap w/ flanges  
 = 29, .13 [ 3.3 ] Solder Tail w/out flanges  
 = 39, .62 [ 15.8 ] Wire Wrap w/out flanges

| Tolerance | Inch (mm)       |                 |
|-----------|-----------------|-----------------|
| Dimension | .00<br>(.0)     | .000<br>(.00)   |
| Tolerance | ±.010<br>(±.25) | ±.005<br>(±.13) |

- 1 Available with -09, -19, -29 and -39 options.
- 2 Only available with the -09 & -29 option for the .070" (1.78 mm) spacing
- 3 Only available with -09 and -19 options

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