3M™ Mini-Clamp Plug
Designed for Wiring Supplied from Japan and Asia, 2 mm, IDC, Wiremount 371 Series

- Designed to accommodate typical wiring specifications per Japanese and Asian suppliers
- No special wire preparation
- Integrated cable retention
- Design accepts multiple wire size diameters
- Easy, quick, and reliable IDC termination using a standard pliers
- Debris free wire termination
- Mating latches provide a reliable interconnection in demanding applications
- High number of mating cycles
- Compact design saves board space
- Helps reduce maintenance work by providing higher connection reliability
- See Regulatory Information Appendix (RIA) for chemical compliance information

Date Modified: December 17, 2017

Physical

**Insulation:**
- Material: Glass reinforced thermoplastic body & lower cover, transparent thermoplastic cover
- Flammability: UL 94V-0
- Color: Black body, cover-white & color (see Table 1)

**Contact:**
- Material: Copper Alloy

**Plating:**
- Underplating: 2.54 µm [100 µ"] minimum Nickel
- Wiping Area: 0.2 µm [8 µ"] minimum Gold with Lubricant
- IDC: Nickel

**Accommodation:**
- Annealed Copper, high-strength Copper, or Copper Alloy. Bare, tinned, or tin overcoated, 20–26 AWG [0.14–0.5] stranded

**Wire Insulation:**
- Flexible vinyl, semi-rigid vinyl, x-linked polyethylene, or ETFE (see Table 1)
- Marking: 3M Logo, Position Indicator, Wire Gauge, Insulator Material

Environmental

**Temperature Rating:**
-20°C to +85°C ambient (1.0 A max.)
-20°C to +75°C ambient (2.0 A max.)
-20°C to +60°C ambient (3.0 A max.)
(Note: UL rating is 65°C at 3.0A, 32V)

UL File No.: E68080
3M™ Mini-Clamp Plug

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<table>
<thead>
<tr>
<th># Positions</th>
<th>Dim A</th>
</tr>
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<tbody>
<tr>
<td>3</td>
<td>10.4 [.41]</td>
</tr>
<tr>
<td>4</td>
<td>14.9 [.59]</td>
</tr>
</tbody>
</table>

### 3 and 4 Position

**Table 1**

<table>
<thead>
<tr>
<th>Wire OD</th>
<th>1.6 ~ 2.0 [0.063 ~ 0.079]</th>
<th>1.2 ~ 1.6 [0.047 ~ 0.063]</th>
<th>1.0 ~ 1.2 [0.039 ~ 0.047]</th>
<th>0.8 ~ 1.0 [0.031 ~ 0.039]</th>
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</thead>
<tbody>
<tr>
<td>Part #</td>
<td></td>
<td></td>
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<tr>
<td>20-22 AWG</td>
<td>2206</td>
<td>2165</td>
<td>2124</td>
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<tr>
<td>Cover Color</td>
<td>Gray</td>
<td>Blue</td>
<td>Green</td>
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<tr>
<td>Part #</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24-26 AWG</td>
<td>3163</td>
<td>3122</td>
<td>3101</td>
<td></td>
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<tr>
<td>Color</td>
<td>Orange</td>
<td>Yellow</td>
<td>Red</td>
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</tbody>
</table>

**Note:** Terminate using common pliers or 3M™ Scotchlok™ Crimping Tools E-9BM or E-9E

**Ordering Information**

**371XX - XXXX - 000 FL** (RIA E1 & C1 apply)

- Positions: 03 or 04
- Wire AWG & OD:
  - 2XXX = 20-22 AWG
  - 3XXX = 24-26 AWG
- Wire OD - see Table 1

**TS-2092-D**

Sheet 2 of 3
3M™ Mini-Clamp Plug

Designed for Wiring Supplied from Japan and Asia, 2 mm, IDC, Wiremount

371 Series

Ordering Information

371XX - XXXX - 0W0 FL

Positions 06 or 08

Wire AWG & OD:
2XXX = 20-22 AWG
3XXX = 24-26 AWG

Note: Terminate using common pliers or 3M™ Scotchlok™ Crimping Tools E-9BM or E-9E

TS-2092-D
Sheet 3 of 3

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