The 2.00mm-Pitch Board-in Connector with Short Pin Terminal, designed mainly for automotive applications, complies with major industry standards and features improved terminal pin position for better solderability on thin PCBs.

**Features and Advantages**

- **Larger wire accommodation**
  - Adopts automotive wire specifications (FLRY 0.22mm², 0.35mm²)

- **Wider pin terminal**
  - Enables better PCB retention force on PCB hole diameter of 0.90mm

- **Short pin terminal**
  - Establishes good soldering condition for PCBs with a thickness of 1.20 or 1.60mm

- **Terminal and housing locking features**
  - Ensures secure terminal retention force

- **Compatible with existing housing (35023), 0.90mm PCB hole and pattern**
  - Allows existing Board-in Connector customers to retain their current PCB pattern
2.00mm-Pitch Board-in Connector with Short Pin Terminal

Markets and Applications

Automotive
- Infotainment
- Automotive lighting

Medical
- Patient monitoring

Industrial
- Factory machines
- Power tools
- Security systems

Home appliances
- HVAC systems
- White goods

Specifications

REFERENCE INFORMATION
- Packaging: Terminal: Reel
  Housing: Bag
- Designed In: Millimeters
- RoHS: Yes
- Halogen-Free: Yes

ELECTRICAL
- Voltage (max.): 125V
- Current (max.): 3.0A
- Contact Resistance (max.): 5 milliohms
- Dielectric Withstanding Voltage (rms): 1000V AC
- Insulation Resistance (min.): 1000 Megohms

PHYSICAL
- Housing: Polyamide (natural), ivory
- Terminal: Brass (pre-plating)
- Applicable Wire: FLRY 0.22mm², 0.35mm²
- Wire Size (AWG): 24, 22
- Plating:
  Contact Area — Tin-plated
  Operating Temperature: -40 to +105°C

Ordering Information

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<tr>
<th>Order number</th>
<th>Description</th>
<th>Packaging</th>
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<tr>
<td>213922-1201</td>
<td>2.0mm-Pitch Board-in Connector Terminal(Shorter Pin)</td>
<td>Reel (15Kpcs/reel, 90Kpcs/Breels)</td>
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www.molex.com/link/boardin.html

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