



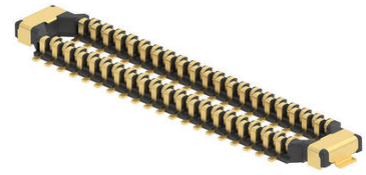
**Part Number :** [2277920803](#)

**Product Description :** Quad-Row Board-to-Board Plug, 0.175mm Pitch, 0.60mm Mated Height, 2.00mm Mated Width, 80 Circuits, 2 Reels/Carton

**Series Number :** 227792

**Status :** Active

**Product Category :** Board-to-Board Connectors



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## Documents and Resources

### Drawings

[2277920803\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[2277920803.dxf](#)

### Specifications

[2277929200-SPK-201.pdf](#)

[2277940000-AS-000.pdf](#)

[2277940000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)  |
| EU RoHS            | Compliant per EU 2015/863   |

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | Board-to-Board Connectors   |
| Series         | 227792  |
| Description    | Quad-Row Board-to-Board Plug, 0.175mm Pitch, 0.60mm Mated Height, 2.00mm Mated Width, 80 Circuits, 2 Reels/Carton |
| Application    | Board-to-Board  |
| Component Type | Plug  |
| Product Name   | Quad-Row  |
| UPC            | 198282821595  |

### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A, 4.0A      |
| Voltage - Maximum             | 50V AC (RMS)/DC |

### Physical

|                    |       |
|--------------------|-------|
| Breakaway          | No    |
| Circuits (Loaded)  | 80    |
| Circuits (maximum) | 80    |
| Color - Resin      | Black |

|                                |                        |
|--------------------------------|------------------------|
| Durability (mating cycles max) | 30                     |
| Glow-Wire Capable              | No                     |
| Mated Height                   | 0.60mm                 |
| Mated Width                    | 2.00mm                 |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 10.755/mg              |
| Number of Rows                 | 4                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Locator                    | No                     |
| PCB Retention                  | Yes                    |
| Pitch - Mating Interface       | 0.175mm                |
| Pitch - Termination Interface  | 0.35mm                 |
| Plating min - Mating           | 0.100µm                |
| Plating min - Termination      | 0.050µm                |
| Polarized to Mating Part       | No                     |
| Polarized to PCB               | No                     |
| Temperature Range - Operating  | -40° to +85°C          |
| Termination Interface Style    | Surface Mount          |

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number   |
|-------------------------------------|---------------|
| Quad-Row Board-to-Board Receptacles | <u>227794</u> |

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