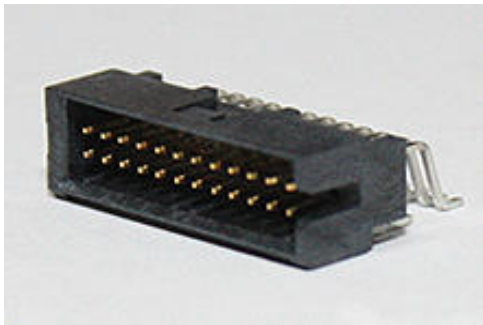




**Part Number :** [2011730008](#)  
**Product Description :** Slim-Grid Header, 8 Circuits, Surface Mount, Right-Angle, Shrouded, 0.05µm Gold (Au) Plated, Tube, Lead-Free  
**Series Number :** 201173  
**Status :** Obsolete  
**Product Category :** Board-to-Board Connectors



## Documents & Resources

### Drawings

- [2011730008\\_sd.pdf](#)
- [2011730008\\_stp.zip](#)
- [Symbol and Footprint \(Multi-Format\)](#)

### Specifications

- [2009890001-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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)4165-DC<br>(25 June 2025)                                                           |
| 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         | Obsolete                                                                                                     |
| Category       | Board-to-Board Connectors                                                                                    |
| Series         | 201173                                                                                                       |
| Description    | Slim-Grid Header, 8 Circuits, Surface Mount, Right-Angle, Shrouded, 0.05µm Gold (Au) Plated, Tube, Lead-Free |
| Application    | Board-to-Board, Signal                                                                                       |
| Comments       | 4.3 Amps per Pole with only 1 contact powered up; 1.4 Amps per Pole with max contacts powered up             |
| Component Type | PCB Header                                                                                                   |
| Product Name   | Slim-Grid                                                                                                    |
| UPC            | 889056889278                                                                                                 |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.4A    |
| Voltage - Maximum             | 125V AC |

### Physical

|                   |    |
|-------------------|----|
| Breakaway         | No |
| Circuits (Loaded) | 8  |

|                                |                        |
|--------------------------------|------------------------|
| Circuits (maximum)             | 8                      |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 500                    |
| First Mate / Last Break        | No                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | No                     |
| Guide to Mating Part           | Yes                    |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 0.361/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Right Angle            |
| Packaging Type                 | Tube                   |
| PCB Locator                    | No                     |
| PCB Retention                  | None                   |
| Pitch - Mating Interface       | 1.27mm                 |
| Pitch - Termination Interface  | 1.27mm                 |
| Plating min - Mating           | 0.051µm                |
| Plating min - Termination      | 2.000µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | No                     |
| Shrouded                       | Fully                  |
| Temperature Range - Operating  | -55° to +105°C         |
| Termination Interface Style    | Surface Mount          |

### Solder Process Data

|                              |        |
|------------------------------|--------|
| Max-Duration                 | 10     |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle                    | 1      |
| Max-Temp                     | 260    |

Mates With / Use With

Mates with Part(s)

| Description                    | Part Number  |
|--------------------------------|--------------|
| Slim-Grid Vertical Receptacles | <u>78120</u> |

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Obsolete