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**Part Number:** [0482016041](#)

**Status:** **Active**

**Description:** D-Subminiature Shielded I/O PCB Female Receptacle, Right Angle, Through Hole, 9 Circuits, #4-40 Flush Insert, 2 #4-40 Round Inner Thread Screws Assembled, 0.76µm Gold (Au) Plating, PCB Thickness 1.60mm, Lead-Free

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-48201-001 \(PDF\)](#)

[Test Summary TS-48201-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |                       |
|----------------|-----------------------|
| Product Family | I/O Connectors        |
| Series         | <a href="#">48201</a> |
| Application    | Wire-to-Board         |
| Comments       | Shell: Steel          |
| Component Type | Receptacle            |
| Product Name   | D-Sub                 |
| Type           | N/A                   |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Boot Color                     | N/A             |
| Circuits (Loaded)              | 9               |
| Circuits (maximum)             | 9               |
| Color - Resin                  | Black           |
| Gender                         | Female          |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Gold            |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Number of Rows                 | 2               |
| Orientation                    | Right Angle     |
| PC Tail Length                 | 3.18mm          |
| PCB Locator                    | No              |
| PCB Retention                  | Yes             |
| PCB Thickness - Recommended    | 1.60mm          |
| Packaging Type                 | Tray            |
| Panel Mount                    | Yes             |
| Pitch - Mating Interface       | 1.38mm          |
| Pitch - Termination Interface  | 1.38mm          |
| Plating min - Mating           | 0.762µm         |
| Plating min - Termination      | 2.540µm         |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | Yes             |
| Ports                          | 1               |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -55°C to +85°C  |
| Termination Interface: Style   | Through Hole    |
| Waterproof / Dustproof         | No              |
| Wire Size AWG                  | N/A             |

**Electrical**

|                               |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1A          |
| Shield Type                   | Full Shield |
| Shielded                      | Yes         |

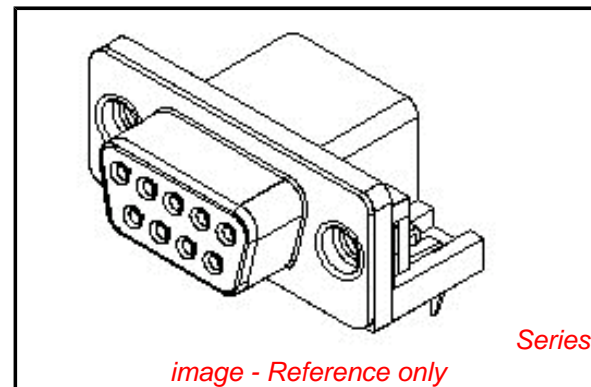


image - Reference only

**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[48201Series](#)

**Mates With**

[48202 D-Sub Male Plug](#)

Voltage - Maximum 300V DC

**Solder Process Data**

Lead-free Process Capability Wave Capable (TH only)  
Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-48201-001  
Sales Drawing SD-48201-001  
Test Summary TS-48201-001

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