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**Part Number:** [71478-1001](#)  
**Status:** **Active**  
**Overview:** LFH™ Interconnect System  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, 80 Circuits, Vertical, 80 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-70928 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980

**General**

Product Family I/O Connectors  
 Series [71478](#)  
 Application Board-to-Board, Wire-to-Board  
 Component Type Receptacle  
 Overview [LFH™ Interconnect System](#)  
 Product Name LFH™  
 Type N/A  
 UPC 800753785014

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 Color - Resin Black  
 Flammability 94V-0  
 Lock to Mating Part Yes  
 Material - Metal Beryllium Copper  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 5.380/g  
 Orientation Vertical  
 PC Tail Length 1.57mm  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 Panel Mount Yes  
 Pitch - Mating Interface 1.27mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -20°C to +80°C  
 Termination Interface: Style Surface Mount  
 Wire Size AWG N/A

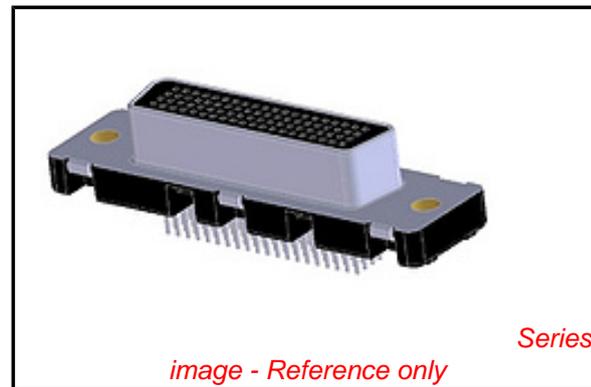
**Electrical**

Current - Maximum per Contact 1.0A  
 Shielded Yes  
 Voltage - Maximum 40V

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-70928, RPS-70928-002



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC Not Reviewed**  
**Low-Halogen Status Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

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**

[71478Series](#)

**Mates With**

[71475](#) , [71720](#) , [717477](#)

**Use With**

[71628](#) Guide Pin, [70982](#) Hex Screw Kit, Guide Sleeve [71629](#) or [71770](#)

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