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**Part Number:** [0714781002](#)  
**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 800754839099

**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  
Orientation Vertical  
PC Tail Length 3.81mm  
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

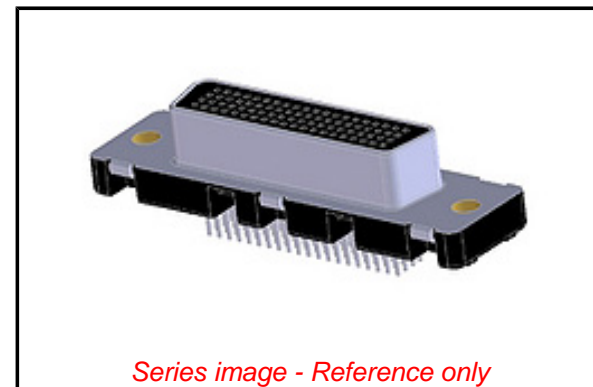
**Electrical**

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

**Solder Process Data**

Lead-free Process Capability SMC&WAVE  
Process Temperature max. C 260

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Relevant

**Search Parts in this Series**

[71478](#) Series

**Mates With**

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

**Use With**

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

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-70928, RPS-70928-002

SDA-71478-100\*

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