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**Part Number:** [0709282000](#)  
**Status:** **Active**  
**Overview:** [LFH™ Interconnect System](#)  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, Right Angle, 2.01mm PC Tail Length, Screw Hole M3 Thread, Gold Plating, 60 Circuits

**Documents:**

[3D Model](#) [Test Summary TS-70928-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-70928 \(PDF\)](#)

**Agency Certification**

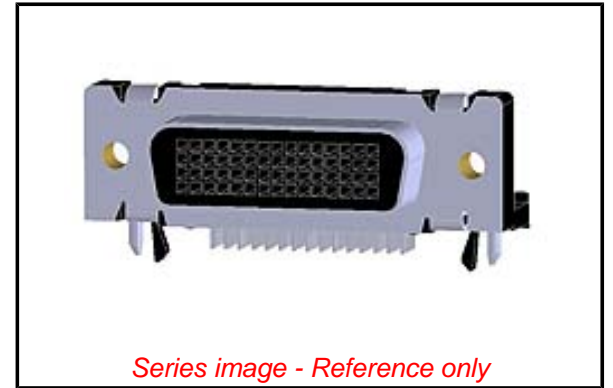
CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [70928](#)  
 Application Board-to-Board, Wire-to-Board  
 Comments Dim.B for 1.00mm max. Panel Thickness is 9.65mm and 10.67mm for 1.63mm max. Panel Thickness  
 Component Type Receptacle  
 Overview [LFH™ Interconnect System](#)  
 Product Name LFH™  
 Type N/A  
 UPC 800753597341

**Physical**

Circuits (Loaded) 60  
 Circuits (maximum) 60  
 Color - Resin Black  
 Durability (mating cycles max) 500  
 Flammability 94V-0  
 Gender Receptacle  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Beryllium Copper  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 7.040/g  
 Number of Rows 4  
 Orientation Right Angle  
 PC Tail Length 2.00mm  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 Panel Mount Yes  
 Pitch - Mating Interface 1.27mm  
 Pitch - Termination 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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[70928](#) Series

**Mates With**

[70929](#) LFH™ Plug

**Use With**

[71628](#) Guide Pin, Guide Sleeve [71629](#) or [71771](#), [70982](#) Hex Screw Kit

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-70928, RPS-70928-001, RPS-70928-002
Sales Drawing	SDA-70928-20**
Test Summary	TS-70928-001

This document was generated on 04/07/2016

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