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Part Number: [70928-2002](#)
Status: **Active**
Overview: [LFH™ Interconnect System](#)
Description: 1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, Right Angle, 2.64mm 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

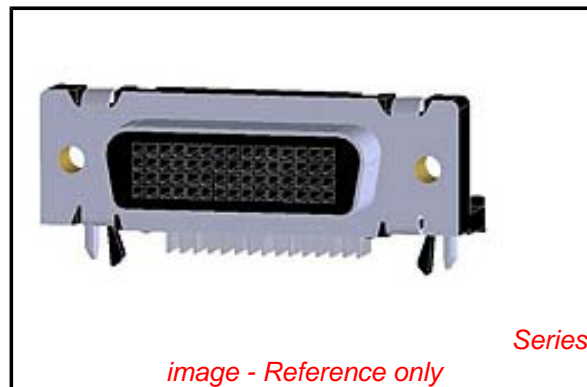
CSA	LR19980
UL	E29179

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	800754354936

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	7.038/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	2.64mm
PCB Retention	None
PCB Thickness - Recommended	2.40mm
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



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

[70928Series](#)

Mates With

[70929 LFH™ Plug](#)

Use With

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

Wire Size AWG N/A

Electrical

Current - Maximum per Contact 1A
Shielded Yes
Voltage - Maximum 40V

Solder Process Data

Duration at Max. Process Temperature (seconds) 40
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 245

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

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