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Part Number: [0709282007](#)
Status: **Active**
Overview: [lfh](#)
Description: 1.27mm (.050") Pitch LFH™ Matrix 50 Receptacle, Shielded, Right Angle, 3.18mm (.125") PC Tail Length, Screw Hole M3 Thread, Gold Plating, 60 Circuits

Documents:

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

Agency Certification

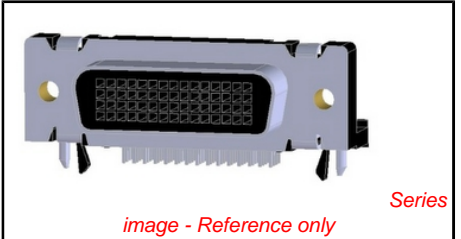
CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	70928
Application	Board-to-Board, Wire-to-Board
Comments	Dim.B for 1.00mm (.039") max. Panel Thickness is 9.65mm (.380") and 10.67mm (.420") for 1.63mm (.064") max. Panel Thickness
Component Type	Receptacle
Overview	lfh
Product Name	LFH™
Type	N/A

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
Number of Rows	4
Orientation	Right Angle
PC Tail Length	3.18mm (.125")
PCB Retention	None
PCB Thickness - Recommended	2.40mm (.094")
Packaging Type	Tube
Panel Mount	Yes
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	2.540µm (100µ")
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



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Not Reviewed
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

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	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	245

Material Info

Country of Origin	US
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Reference - Drawing Numbers

Packaging Specification	PK-70873-0291
Product Specification	PS-70928, RPS-70928-001, RPS-70928-002
Sales Drawing	SDA-70928-20**
Test Summary	TS-70928-001

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