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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



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-70928 (PDF)
Test Summary TS-70928-001 (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 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

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Contains SVHC(2014 December 17): No

Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	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

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