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Part Number:

0709280002

Status:

Active

Overview:

LFH™ Interconnect System

Description:

1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, Vertical, 2.34mm PC Tail Length, Screw Hole M3 Thread, Gold Plating, 60 Circuits

Documents:

3D Model

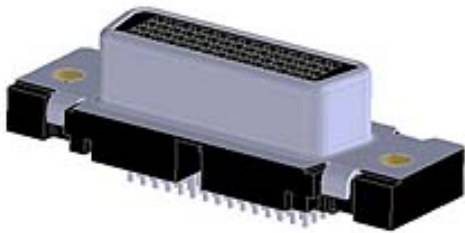
Drawing (PDF)

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	800753597334
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	6.616/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	2.34mm
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

China RoHS

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

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	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Product Specification	PS-70928, RPS-70928-002
Sales Drawing	SDA-70928-0002
Test Summary	TS-70928-001

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