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Part Number: [0709282007](#)
Status: **Active**
Overview: [LFH™ Interconnect System](#)
Description: 1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, Right Angle, 3.18mm 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

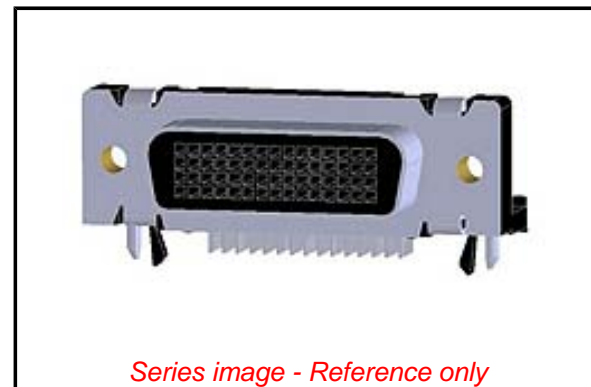
CSA LR19980
 UL E29179

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 800754810982

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 3.18mm
 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
 Wire Size AWG N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

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

Material Info**Reference - Drawing Numbers**

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

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