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Part Number:

70928-2009

Status:

Active

Overview:

LFH™ Interconnect System

Description:

1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, Right Angle, 2.34mm PC Tail Length, Screw Hole M3 Thread, Gold Flash 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

800756596679

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

9.634/g

Number of Rows

4

Orientation

Right Angle

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

0.051µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Surface Mount Compatible (SMC)

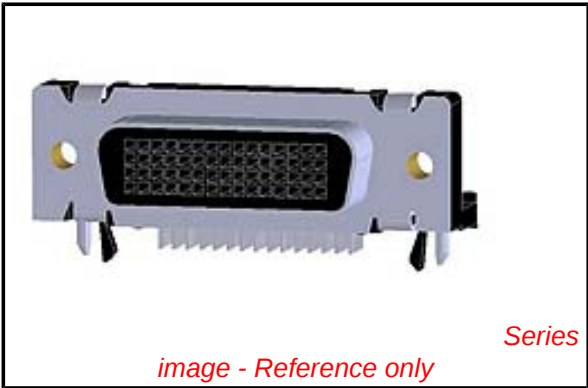
Yes

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	SMC & 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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