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Part Number: [0051241040](#)
Status: **Active**
Overview: [lfh](#)
Description: 1.27mm (.050") Pitch LFH™ Matrix 50 Receptacle, Shielded, 160 Circuits, Right Angle

Documents:

[3D Model](#) [Product Specification PS-71626 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [71626](#)
 Application Board-to-Board, Wire-to-Board
 Component Type Receptacle
 Overview [lfh](#)
 Product Name LFH™
 Type N/A

Physical

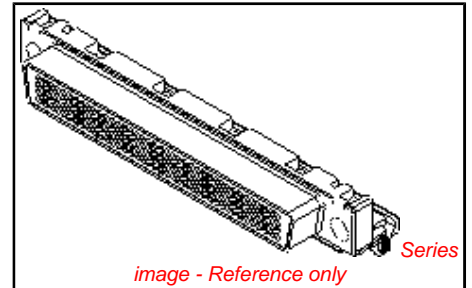
Circuits (Loaded) 160
 Circuits (maximum) 160
 Color - Resin Black
 Flammability 94V-0
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Beryllium Copper
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Orientation Right Angle
 PC Tail Length 2.40mm (.094")
 PCB Retention Yes
 PCB Thickness - Recommended 2.40mm (.094")
 Packaging Type Tube
 Panel Mount Yes
 Pitch - Mating 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

Electrical

Current - Maximum per Contact 1A
 Grounding to Panel Yes
 Shielded Yes
 Voltage - Maximum 40V

Solder Process Data

Duration at Max. Process Temperature (seconds) 40
 Lead-free Process Capability Wave Capable (TH only)



EU RoHS **China RoHS**

RoHS Compliant by Exemption
REACH SVHC
 Not Reviewed
Low-Halogen Status
Not Reviewed



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

[71626Series](#)

Mates With

[71624 LFH™ Plug](#)

Use With

[71628 Guide Pin. Guide Sleeve 71629](#) ,
[71771. 70982 Hex Screw Kit](#)

Max. Cycles at Max. Process Temperature 3
Process Temperature max. C 245

Material Info

Old Part Number 71626-2000

Reference - Drawing Numbers

Packaging Specification PK-70873-0299
Product Specification PS-71626
Sales Drawing SDA-71626-200*

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