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Part Number: [0051260000](#)
Status: **Active**
Overview: [LFH™ Interconnect System](#)
Description: 1.90mm Pitch LFH™ Matrix 75 Shielded Receptacle, 96 Circuits, Right Angle, Bright Nickel (Ni) Finish, 2.34mm PC Tail Length

Documents:

[3D Model](#) [Product Specification PS-70660 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [70660](#)
 Application Board-to-Board, Wire-to-Board
 Component Type Receptacle
 Overview [LFH™ Interconnect System](#)
 Product Name LFH™
 Type N/A
 UPC 800754387682

Physical

Boot Color N/A
 Circuits (Loaded) 96
 Circuits (maximum) 96
 Circuits Detail 96
 Color - Resin Black
 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-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 22.997/g
 Number of Rows 4
 Orientation Right Angle
 PC Tail Length 2.34mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.57mm
 Packaging Type Tube
 Panel Mount Yes
 Pitch - Mating Interface 1.90mm
 Pitch - Termination Interface 1.90mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Ports 1
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -20°C to +80°C
 Termination Interface: Style Through Hole



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

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 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
RoHS Phthalates	Not Contained

Search Parts in this Series

[70660](#) Series

Mates With

[70665](#) , [71995](#)

Use With

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

Waterproof / Dustproof	No
Wire Size AWG	N/A
Electrical	
Current - Maximum per Contact	1.0A
Grounding to Panel	None
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V AC (RMS)
Solder Process Data	
Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	245
Material Info	
Engineering Number	706600001
Reference - Drawing Numbers	
Product Specification	PS-70660
Sales Drawing	SDA-70660-0001

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