

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0051260003](#)  
**Status:** **Active**  
**Overview:** [LFH™ Interconnect System](#)  
**Description:** 1.90mm Pitch LFH™ Matrix 75 Shielded Receptacle, 96 Circuits, Right Angle, Bright Nickel (Ni) Finish, 3.43mm PC Tail Length

**Documents:**

[3D Model](#) [Product Specification PS-70660-001 \(PDF\)](#)  
[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 800755008326

**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 3.43mm  
 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**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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
<b>Electrical</b>	
Current - Maximum per Contact	1.0A
Grounding to Panel	None
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V AC (RMS)
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
<b>Material Info</b>	
Engineering Number	70660-0002
<b>Reference - Drawing Numbers</b>	
Product Specification	PS-70660-001
Sales Drawing	SDA-70660-0001

This document was generated on 12/05/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**