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**Part Number:** [51-25-1040](#)  
**Status:** **Active**  
**Overview:** [LFH™](#)  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Shielded Plug, 160 Circuits, Right Angle, PC Tail  
 Length 2.34mm

**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 [71624](#)  
 Application Board-to-Board  
 Component Type Plug  
 Overview [LFH™](#)  
 Product Name LFH™  
 Type N/A  
 UPC 800753693197

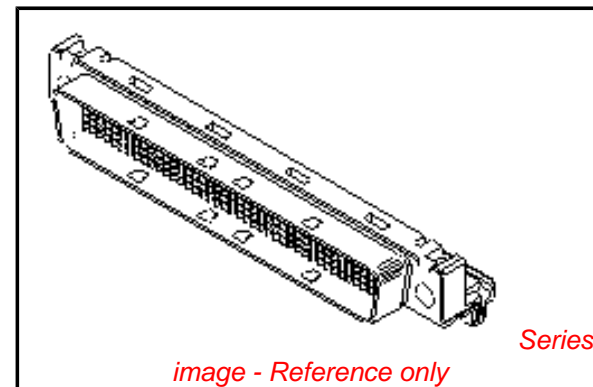
**Physical**

Circuits (Loaded) 160  
 Circuits (maximum) 160  
 Color - Resin Black  
 Flammability 94V-0  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 18.917g  
 Orientation Right Angle  
 PC Tail Length 2.34mm  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 Panel Mount Yes  
 Pitch - Mating Interface 1.27mm  
 Pitch - Termination Interface 1.27mm  
 Plating min - Mating 1.905µm  
 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 Through Hole  
 Wire Size AWG N/A

**Electrical**

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

**Solder Process Data**



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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**

[71624Series](#)

**Mates With**

[71626 LFH™ Receptacle](#)

**Use With**

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

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	260

**Material Info**

Old Part Number	71624-2000
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**Reference - Drawing Numbers**

Product Specification	PS-71626
Sales Drawing	SDA-71624-200*

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