

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

**Part Number:** [51-24-1030](#)  
**Status:** **Active**  
**Overview:** [LFH™](#)  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Receptacle, Shielded, 160 Circuits, Vertical

**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  
UPC 800754387118

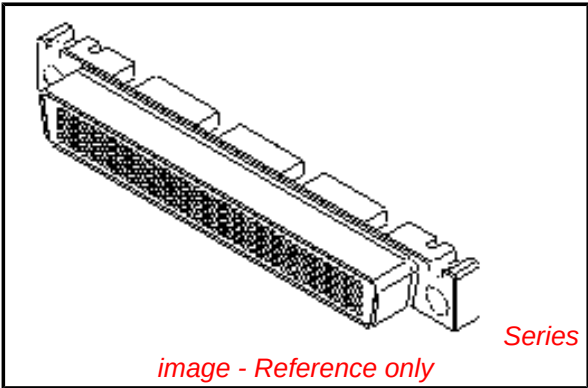
**Physical**

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  
Net Weight 16.718/g  
Orientation Vertical  
PC Tail Length 2.34mm  
PCB Retention Yes  
PCB Thickness - Recommended 4.60mm  
Packaging Type Tube  
Panel Mount Yes  
Pitch - Mating Interface 1.27mm  
Plating min - Mating 0.762µm  
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  
Grounding to Panel Yes  
Shielded Yes  
Voltage - Maximum 40V

**Solder Process Data**



**EU RoHS**

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

**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**

[71626Series](#)

**Mates With**

[71624 LFH™ Plug](#)

**Use With**

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

Lead-free Process Capability  
Process Temperature max. C

SMC & Wave Capable (TH only)  
260

**Material Info**

Old Part Number

716261000

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-71626  
SDA-71626-1\*\*\*\*

This document was generated on 11/27/2012

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