

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

**Part Number:** [0716241013](#)  
**Status:** **Active**  
**Overview:** LFH™ Interconnect System  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Shielded Plug, 160 Circuits, Vertical, PC Tail Length 4.50mm

**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™ Interconnect System  
 Product Name LFH™  
 Type N/A  
 UPC 800756547718

**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  
 Orientation Vertical  
 PC Tail Length 4.49mm  
 PCB Retention Yes  
 PCB Thickness - Recommended 3.00mm  
 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 1.0A  
 Shielded Yes  
 Voltage - Maximum 40V

**Solder Process Data**

Lead-free Process Capability SMC&WAVE  
 Process Temperature max. C 260



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**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

Not Reviewed

ELV

Not Relevant

**Search Parts in this Series**

[71624 Series](#)

**Mates With**

[71626 LFH™ Receptacle](#)

**Use With**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-71626  
SDA-71624-\*\*\*\*

This document was generated on 09/29/2016

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