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**Part Number:** [71624-3000](#)  
**Status:** **Active**  
**Overview:** [LFH™ Interconnect System](#)  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Plug Cable Kit, Subassembly, 160 Circuits

**Documents:**  
[3D Model](#) [Application Specification AS-70929-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Application Specification AS-71624-001 \(PDF\)](#)  
[Product Specification PS-71626 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family I/O Connectors  
Series [71624](#)  
Application Wire-to-Board  
Comments Stick Loading Tool 62200-1700 may be used for  
Inserting Sticks into Subassembly  
Component Type I/O Plug Connector Subassembly  
Overview [LFH™ Interconnect System](#)  
Product Name LFH™  
Type N/A  
UPC 800754351256

**Physical**

Circuits (Loaded) 160  
Circuits (maximum) 160  
Color - Resin Black  
Flammability 94V-0  
Lock to Mating Part None  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 7.402/g  
Orientation Vertical  
PCB Retention N/A  
Packaging Type Tray  
Panel Mount No  
Pitch - Mating Interface 1.27mm  
Pitch - Termination Interface 1.27mm  
Plating min - Mating 3.810µm  
Plating min - Termination 3.810µm  
Polarized to Mating Part No  
Surface Mount Compatible (SMC) N/A  
Temperature Range - Operating -20°C to +80°C  
Termination Interface: Style N/A  
Wire Size AWG 28, 30, 32, 34, 36

**Electrical**

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

**Solder Process Data**

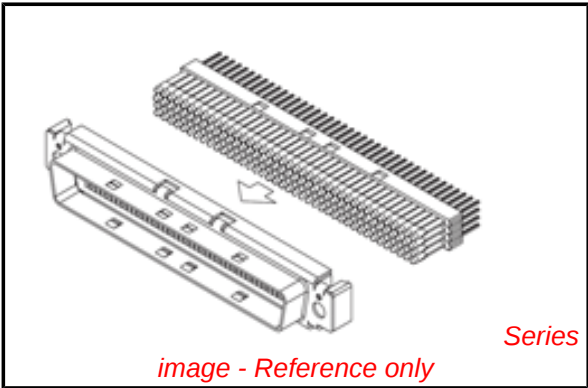


image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**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**  
[70984 Terminal Sticks](#)

**Application Tooling | FAQ**  
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*  
**Global**  

| Description          | Product #                  |
|----------------------|----------------------------|
| Stick Insertion Tool | <a href="#">0622001700</a> |

Lead-free Process Capability  
Process Temperature max. C

SMC & Wave Capable (TH only)  
260

**Material Info**

**Reference - Drawing Numbers**

Application Specification  
Product Specification  
Sales Drawing

AS-70929-001, AS-71624-001  
PS-71626  
SDA-71624-3000

This document was generated on 07/04/2014

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