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**Part Number:** 0714770003  
**Status:** Active  
**Overview:** LFH™ Interconnect System  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Plug Cable Kit, Terminal Stick, 20 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-70928-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**  
Product Family I/O Connectors  
Series 71477  
Application Wire-to-Board  
Comments Trim Length 3.30mm  
Component Type Plug  
Overview LFH™ Interconnect System  
Product Name LFH™  
Type N/A  
UPC 800754350198

**Physical**  
Circuits (Loaded) 20  
Circuits (maximum) 20  
Durability (mating cycles max) 500  
Lock to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Orientation Vertical  
PCB Retention N/A  
Packaging Type Tray  
Panel Mount Yes  
Pitch - Mating Interface 1.27mm  
Plating min - Mating 1.905µm  
Plating min - Termination 2.540µm  
Polarized to Mating Part Yes  
Surface Mount Compatible (SMC) N/A  
Temperature Range - Operating -20°C to +80°C  
Termination Interface: Style Through Hole  
Wire Size AWG 28, 30, 32, 34, 36

**Electrical**  
Current - Maximum per Contact 1.0A  
Shielded Yes  
Voltage - Maximum 40V

**Material Info**

**Reference - Drawing Numbers**  
Product Specification PS-70928-001  
Sales Drawing SDA-71477-\*\*\*\*



Series image - Reference only

**EU ELV**  
Not Reviewed  
**EU RoHS** **China 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 Reviewed |
| RoHS Phthalates | Not Reviewed |

**Search Parts in this Series**  
[71477](#) Series

**Mates With**  
LFH™ Matrix 50 Receptacle [71478](#)

**Use With**  
[70982](#) (Hex Screw Kit)(70982-1004 Enclosed with 70928-2005), 71628 and 71770(Guide Pin), 71629 and 71771(Guide Sleeve)

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