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**Part Number:** [0051251022](#)  
**Status:** **Active**  
**Overview:** [DMS-59®](#)  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Plug Cable Kit, Terminal Stick, 40 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-70929-001 \(PDF\)](#)  
[Product Specification PS-71626 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">70984</a>
Application	Wire-to-Board
Comments	Sticks may be trimmed using LFH Stick Preparation Tool Kit 62200-1100
Component Type	Terminal Stick
Overview	<a href="#">DMS-59®</a>
Product Name	DMS59®, LFH™
Type	N/A
UPC	800755008302

**Physical**

Circuits (Loaded)	40
Circuits (maximum)	40
Gender	Plug
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.692/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	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	28, 30, 32, 34, 36

**Electrical**

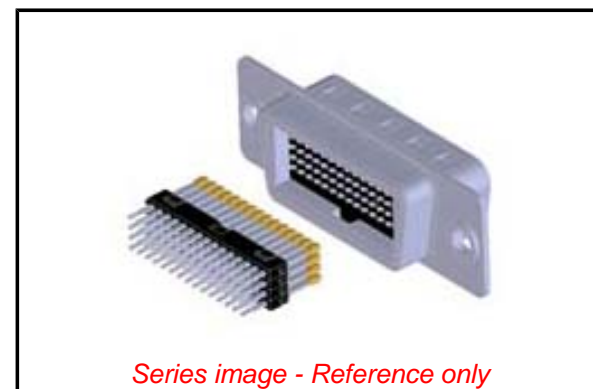
Current - Maximum per Contact	1.0A
Shielded	No
Voltage - Maximum	40V

**Material Info**

Old Part Number	70984-4001
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**Reference - Drawing Numbers**

Application Specification	AS-70929-001
Product Specification	PS-71626



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[70984 Series](#)

**Mates With**

LFH™ Matrix 50 Receptacle [71626](#)

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