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**Part Number:** [0051242022](#)  
**Status:** **Active**  
**Overview:** [DMS-59®](#)  
**Description:** 1.27mm Pitch LFH™ Plug Terminal Stick, without Carrier, 15 Circuits

**Documents:**

[3D Model](#) [Application Specification AS-70929-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-70928 \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">70984</a>
Application	Wire-to-Board
Comments	Without Carrier Strip Sticks trimmed-length P
Component Type	Plug, Terminal Stick
Overview	<a href="#">DMS-59®</a>
Product Name	DMS59®, LFH™
Type	N/A
UPC	800753748064

**Physical**

Circuits (Loaded)	15
Circuits (maximum)	15
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.548/g
Orientation	Vertical
PCB Retention	N/A
Packaging Type	Tray
Panel Mount	No
Pitch - Mating 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

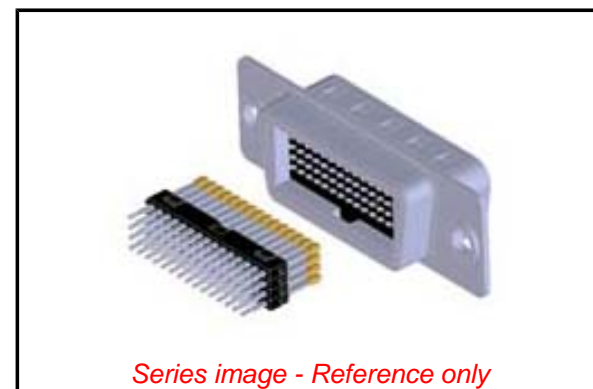
**Solder Process Data**

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info**

Engineering Number	A-70984-1002
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**Reference - Drawing Numbers**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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 [70928](#) ,  
DMS-59® Receptacle [75134](#)

**Use With**

[70929](#) LFH Plug Sub Assembly, [75135](#)  
DMS-59 Plug Sub Assembly

Application Specification  
Product Specification  
Sales Drawing

AS-70929-001  
PS-70928, RPS-70928-002  
SDA-70984-100\*

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