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**Part Number:** [0709841021](#)  
**Status:** **Active**  
**Overview:** [DMS-59®](#)  
**Description:** 1.27mm Pitch LFH™ Plug Terminal Stick, 15 Circuits, No Bus Bar Option, 3.30mm Trim Length, Gold (Au) Plating in Contact Area, Tin (Sn) Plating on Tail

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">70984</a>
Application	Wire-to-Board
Component Type	Terminal Stick
Overview	<a href="#">DMS-59®</a>
Product Name	DMS59®, LFH™
Type	N/A
UPC	822348494422

**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	1.015/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	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	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

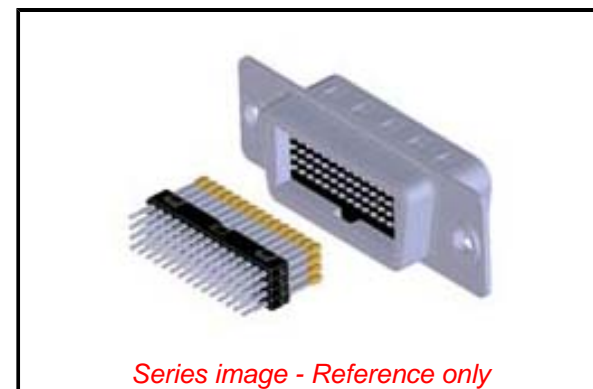
**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-70929-001-001
Product Specification	PS-70928-001



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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[70984 Series](#)

**Mates With**

LFH™ Matrix 50 Receptacle [70928](#) ,  
DMS-59® Receptacle [75134](#)

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