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Part Number: [0709841100](#)
Status: **Active**
Overview: [DMS-59®](#)
Description: 1.27mm Pitch LFH™ Plug Terminal Stick, with Carrier, Dambar Option, 15 Circuits, Tin (Sn) Plate 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	70984
Application	Wire-to-Board
Comments	Sticks may be trimmed using LFH Stick Preparation Tool Kit 62200-1100 with Carrier Strip and Busbar
Component Type	Terminal Stick
Overview	DMS-59®
Product Name	DMS59®, LFH™
Type	N/A
UPC	800753769922

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	1.010/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	5.080µm
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

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-70929-001-001
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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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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

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