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Part Number: [51-24-2021](#)
Status: **Active**
Overview: [DMS-59®](#)
Description: 1.27mm Pitch LFH™ Plug Terminal Stick, with 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	70984
Application	Wire-to-Board
Comments	With Carrier Strip Sticks may be trimmed using LFH Stick Preparation Tool Kit 62200-1100
Component Type	Plug, Terminal Stick
MolexKits	Yes
Overview	DMS-59®
Product Name	DMS59®, LFH™
Type	N/A
UPC	800754387231

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	0.551/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	1A
Shielded	No
Voltage - Maximum	40V

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info



image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[70984Series](#)

Mates With

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

Use With

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

Old Part Number

70984-1001

Reference - Drawing Numbers

Application Specification

AS-70929-001

Product Specification

PS-70928, RPS-70928-002

Sales Drawing

SDA-70984-100*

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