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Part Number: [0051242021](#)
Status: **Active**
Overview: [dms59](#)
Description: 1.27mm (.050") Pitch LFH™ Plug Terminal Stick, with Carrier, 15 Circuits

Documents:

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

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	dms59
Product Name	DMS59®, LFH™
Type	N/A

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
Orientation	Vertical
PCB Retention	N/A
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	1.27mm (.050")
Plating min - Mating	1.905µm (75µ")
Plating min - Termination	2.540µm (100µ")
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

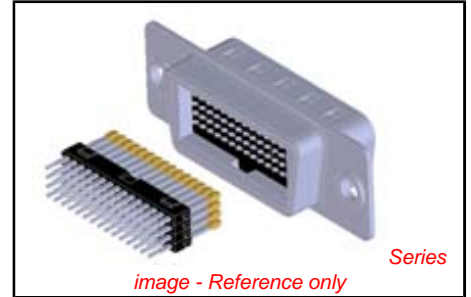
Solder Process Data

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

Old Part Number	70984-1001
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Reference - Drawing Numbers



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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 Subassembly, [75135](#)
 DMS-59 Plug Subassembly

Application Specification
Packaging Specification
Product Specification
Sales Drawing

AS-70929-001
PK-70873-0335
PS-70928, RPS-70928-002
SDA-70984-100*

This document was generated on 01/07/2011

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