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Part Number: [0051251022](#)
Status: **Active**
Overview: [DMS-59®](#)
Description: 1.27mm Pitch LFH™ Matrix 50 Plug Cable Kit, Terminal Stick, 40 Circuits

Documents:

[Drawing \(PDF\)](#) [Application Specification AS-70929-001-001 \(PDF\)](#)
[Product Specification PS-71626-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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
Component Type	Terminal Stick
Overview	DMS-59®
Product Name	DMS59®, LFH™
Type	N/A
UPC	800755008302

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Gender	Plug
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.692/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	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

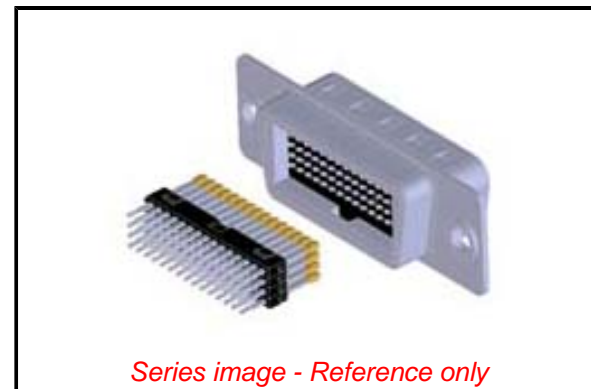
Current - Maximum per Contact	1.0A
Shielded	No
Voltage - Maximum	40V

Material Info

Engineering Number	70984-4001
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Reference - Drawing Numbers

Application Specification	AS-70929-001-001
Product Specification	PS-71626-001



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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[70984 Series](#)

Mates With

LFH™ Matrix 50 Receptacle [71626](#)

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