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**Part Number:** [70984-4009](#)  
**Status:** **Active**  
**Overview:** [DMS-59®](#)  
**Description:** 1.27mm Pitch LFH™ Matrix 50 Plug Cable Kit, Terminal Stick, 40 Circuits, without Bus Bar

**Documents:**

[3D Model](#) [Application Specification AS-70929-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-71626 \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">70984</a>
Application	Wire-to-Board
Comments	Trimmed-Length without Carrier, Trim Length 3.30mm
Component Type	Terminal Stick
Overview	<a href="#">DMS-59®</a>
Product Name	DMS59®, LFH™
Type	N/A
UPC	800754986595

**Physical**

Circuits (Loaded)	40
Circuits (maximum)	40
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.523/g
Orientation	Vertical
PCB Retention	N/A
Packaging Type	Tray
Panel Mount	Yes
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)	N/A
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Through Hole
Wire Size AWG	28, 30, 32, 34, 36

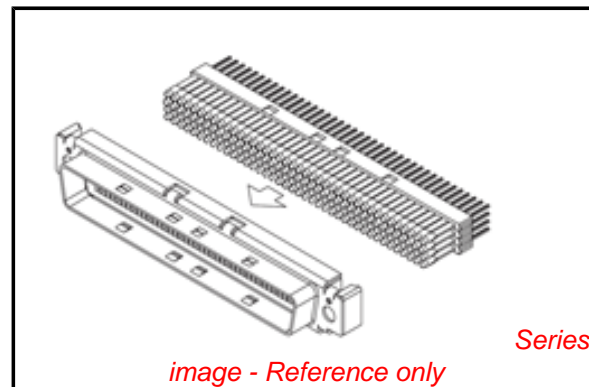
**Electrical**

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

**Solder Process Data**

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**



**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](mailto: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 71626](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Stick Insertion Tool	<a href="#">0622001700</a>

**Reference - Drawing Numbers**

Application Specification  
Product Specification

AS-70929-001  
PS-71626

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