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Part Number:

0051242022

Status:

Active

Overview:

DMS-59®

Description:

1.27mm Pitch LFH™ Plug Terminal Stick, without Carrier, 15 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70928 (PDF)

Application Specification AS-70929-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Type

UPC

I/O Connectors

70984

Wire-to-Board

Without Carrier Strip|Sticks trimmed-length P

Plug, Terminal Stick

DMS-59®

DMS59®, LFH™

N/A

800753748064

Physical

Circuits (Loaded)

Circuits (maximum)

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Orientation

PCB Retention

Packaging Type

Panel Mount

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire Size AWG

15

15

Yes

Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

0.548/g

Vertical

N/A

Tray

No

1.27mm

1.905µm

2.540µm

Yes

Yes

-20°C to +80°C

Through Hole

28, 30, 32, 34, 36

Electrical

Current - Maximum per Contact

Shielded

Voltage - Maximum

1.0A

No

40V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

040

SMC&WAVE

003

260

Material Info

Old Part Number

A-70984-1002

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

No -ED/39/2015 (15

June 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

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

Application Specification  
Product Specification  
Sales Drawing

AS-70929-001  
PS-70928, RPS-70928-002  
SDA-70984-100\*

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