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Part Number:

0520890419

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch FFC/FPC Connector, Through-Hole, Right Angle, Low Profile, ZIF, Top Contact Style Receptacle, 4 Circuits, Lead-free

General

Product Family

FFC/FPC Connectors

Series

52089

Overview

ffc_fpc_throughhole

Product Name

N/A

Physical

Circuits (Loaded)

4

Color - Resin

Natural

Contact Position

Top

Durability (mating cycles max)

20

Entry Angle

90° Angle

Mated Height (in)

0.118 In

Mated Height (mm)

3.00 mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin-Bismuth

Material - Plating Termination

Tin-Bismuth

Material - Resin

Nylon, Polyester

Number of Rows

1

Orientation

Right Angle

PC Tail Length (in)

0.079 In

PC Tail Length (mm)

2.00 mm

PCB Retention

None

PCB Thickness Recommended (in)

0.024 In

PCB Thickness Recommended (mm)

0.60 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.039 In

Pitch - Mating Interface (mm)

1.00 mm

Plating min: Mating (µin)

40

Plating min: Mating (µm)

1

Plating min: Termination (µin)

40

Plating min: Termination (µm)

1

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-20°C to +80°C

Termination Interface: Style

Through Hole

Wire/Cable Type

FFC/FPC

Electrical

Current - Maximum per Contact

0.2A, 0.4A, 0.5A

Voltage - Maximum

50V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52089-001

Product Specification

PS-52089-013, RPS-52089-011, RPS-52089-014

Sales Drawing

SD-52089-001

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

China RoHS



Not Reviewed

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

52089Series

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