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Part Number:

0520891219

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch FFC/FPC Connector, Through-Hole, Right Angle, Low Profile, ZIF, Top Contact Style Receptacle, 12 Circuits, Lead-free

General

Product Family	FFC/FPC Connectors
Series	52089
Overview	ffc_fpc_throughhole
Product Name	N/A

Physical

Circuits (Loaded)	12
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](#)

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Search Parts in this Series

52089Series

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