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Part Number:

0490510016

Status:

Obsolete

Description:

0.50mm (.020") Pitch Board-to-Board Shutter I/O Receptacle, SMT, Shielded, Right Angle, 18 Circuits, Silver

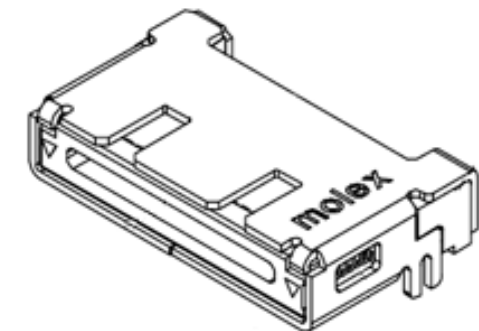


image - Reference only

Series

Documents:
[Drawing \(PDF\)](#)

General

Product Family	I/O Connectors
Series	49051
Application	Board-to-Board
Comments	Coplanarity of Soldertails 0.10mm max
Component Type	Receptacle
Product Name	N/A
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black, Natural
Gender	Receptacle
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.50mm (.020")
Pitch - Termination Interface	0.50mm (.020")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +65°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	N/A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-49051-001
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EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

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
49051Series

Mates With
18P I/O Standard Plug

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