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Part Number: [49045-0011](#)
Status: **Active**
Description: 0.50mm Pitch Board-to-Board Shutter I/O Receptacle, Surface Mount, Shielded, Right Angle, 24 Circuits, Black/Natural

- Documents:**
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-49045-001 \(PDF\)](#)
- [Product Specification PS-49045-002 \(PDF\)](#)
[Packaging Specification PK-49045-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

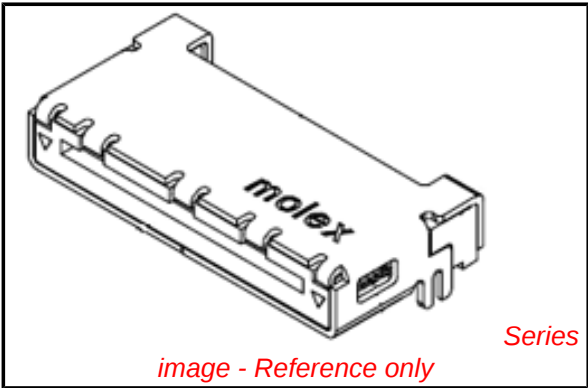
Product Family	I/O Connectors
Series	49045
Application	Board-to-Board
Comments	Coplanarity of Solder Tails 0.10mm max
Component Type	Receptacle
Product Name	N/A
Type	N/A
UPC	822348302390

Physical

Boot Color	N/A
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Gender	Receptacle
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	1.418/g
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
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.203µm
Plating min - Termination	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +65°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	N/A
Shield Type	Full Shield



EU RoHS
ELV and RoHS
Compliant
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
[49045Series](#)

Mates With
24P I/O Standard Plug

Shielded
Voltage - Maximum

Yes
30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-49045-001
PS-49045-001, PS-49045-002, RPS-49045-002
SD-49045-001

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