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

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-49045-002 (PDF) |
| Drawing (PDF) | Packaging Specification PK-49045-001 (PDF) |
| Product Specification PS-49045-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

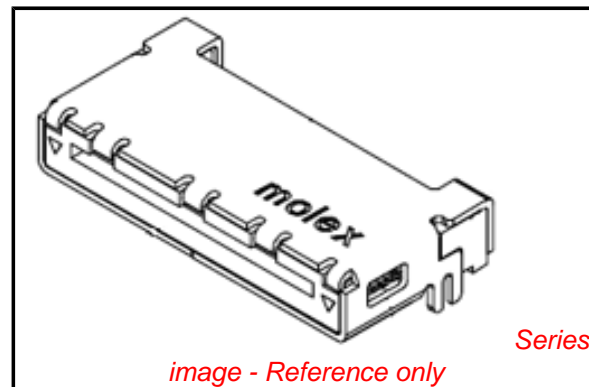
| | |
|----------------|--|
| Product Family | I/O Connectors |
| Series | 49045 |
| Application | Board-to-Board |
| Comments | Coplanarity of Solder Tails 0.10mm max |
| Component Type | Receptacle |
| Product Name | N/A |
| Type | N/A |
| UPC | 822348302390 |

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

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



**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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