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Part Number: [0524181290](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Board-to-Board Receptacle, Right Angle, Single Row, Friction Lock, 12 Circuits, Tube Package

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-52418-003 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52418-002 (PDF) | |

General

| | |
|----------------|-----------------------|
| Product Family | PCB Receptacles |
| Series | 52418 |
| Application | Board-to-Board |
| Product Name | N/A |

Physical

| | |
|--------------------------------|---------------------------|
| Circuits (Loaded) | 12 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness Recommended (in) | 0.062 In |
| PCB Thickness Recommended (mm) | 1.60 mm |
| Packaging Type | Tube |
| Pitch - Mating Interface (in) | 0.079 In |
| Pitch - Mating Interface (mm) | 2.00 mm |
| Plating min: Mating (µin) | 36 |
| Plating min: Mating (µm) | 0.90 |
| Plating min: Termination (µin) | 36 |
| Plating min: Termination (µm) | 0.90 |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Through Hole - Kinked Pin |

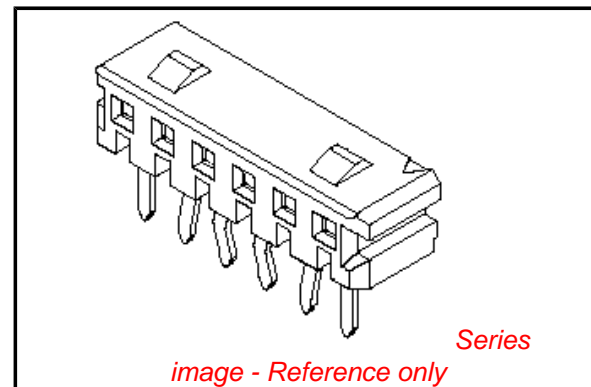
Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 125V |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-52418-002, PS-52418-003, RPS-52418-001, RPS-52418-004 |
| Sales Drawing | SD-52418-**90 |



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

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