

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0524180610**
Status: **Active**
Description: 2.00mm Pitch Board-to-Board Receptacle, Right Angle, Single Row, Friction Lock, 6 Circuits

Documents:

[3D Model](#) [Product Specification PS-52418-003-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Receptacles
 Series [52418](#)
 Application Board-to-Board, Signal
 Product Name N/A
 UPC 800753567948

Physical

Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Natural
 Durability (mating cycles max) 30
 Glow-Wire Compliant No
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 288.900/mg
 Number of Rows 1
 Orientation Right Angle
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 2.00mm
 Plating min - Mating 0.914µm
 Plating min - Termination 0.914µm
 Polarized to PCB No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole - Kinked Pin

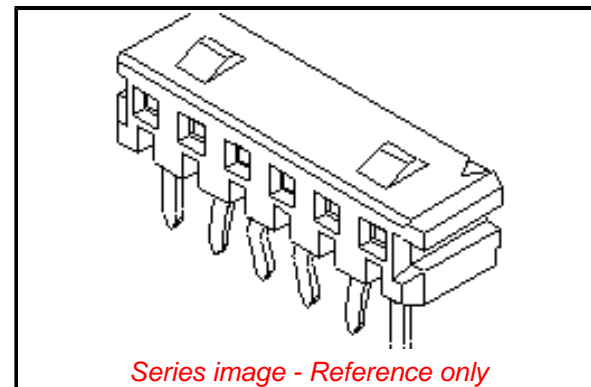
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification PS-52418-003-001
 Sales Drawing SD-52418-**10



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[52418 Series](#)

Mates With

[53290](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[52418-0610](#)