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Part Number: [52418-1610](#)
Status: **Active**
Description: 2.00mm Pitch Board-to-Board Receptacle, Right Angle, Single Row, Friction Lock, 16 Circuits

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

Agency Certification
UL E29179

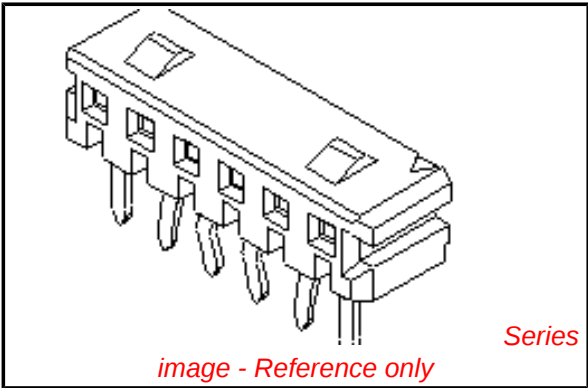
General
Product Family PCB Receptacles
Series [52418](#)
Application Board-to-Board, Signal
Product Name N/A
UPC 800753756052

Physical
Circuits (Loaded) 16
Circuits (maximum) 16
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 730.600/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, RPS-52418-004
Sales Drawing SD-52418-**10



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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.

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