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Part Number: [52418-1810](#)
Status: **Active**
Description: 2.00mm Pitch Board-to-Board Receptacle, Right Angle, Single Row, Friction Lock, 18 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 800753757752

Physical

Circuits (Loaded) 18
 Circuits (maximum) 18
 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 819.000/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

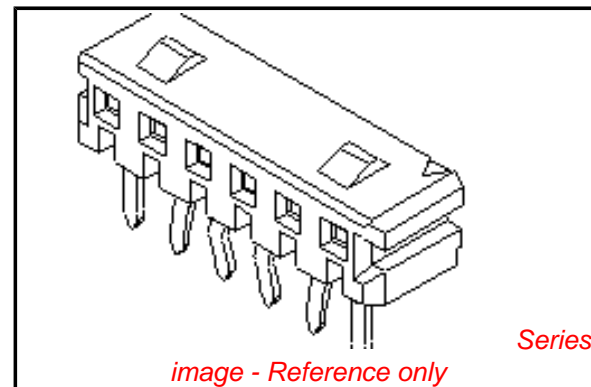


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EU RoHS

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](#)

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