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Home: PCB Receptacles >

Part Number: 52419-0410

2.50mm Pitch Board-to-Board Receptacle, 4 Circuits



Series image - Reference only

Status:	OBsolete
Replacement:	Contact Molex
Series:	52419
Category:	PCB Receptacles

Go to [Part Detail](#) ▾[CHECK DISTRIBUTOR INVENTORY](#)[Add to My Parts](#)[Email this page](#)**Mates With Part(s):**[53291](#)**Product Environmental Compliance**[EU ELV](#):Product not active[EU RoHS](#):Product not active[EU RoHS Phthalates](#):Product not active[China RoHS](#):[REACH SVHC](#):Product not active[Low-Halogen Status](#):Product not active[EU RoHS Certificate of Compliance \(PDF\)](#)[Multiple Part Product Compliance Statements](#)

EU RoHS, REACH SVHC, & Low-Halogen

[Multiple Part Industry Compliance Documents](#)

*IPC 1752A Class C

*IPC 1752A Class D

*Molex Product Compliance Declaration

Application Tooling**FAQ**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling[Check our list of old tooling that used to be available for this part](#)Questions on Product Environmental Compliance? Email ProductCompliance@molex.comRequest Molex's CMRT from conflictminerals@molex.com**Part Detail**[COLLAPSE ALL](#)[▼ General](#)

Status	Obsolete
Category	PCB Receptacles
Series	52419
Application	Board-to-Board, Signal
UPC	800755959338

[▼ Physical](#)

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	230.700/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.20mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	3.20mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Plating min - Mating	0.914µm
Plating min - Termination	0.914µm
Polarized to PCB	No
Temperature Range - Operating	-40°C to +105°C

[▼ Electrical](#)

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	2.0A
Voltage - Maximum	250V

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