



Part Number : [2014520102](#)
Product Description : 1.25mm Pitch SlimStack Floating Board-to-Board Plug Assembly, Surface Mount, Right-Angle, 4.20mm Stacking Height, 17.70mm Width, 10 Circuits
Series Number : 201452
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings
[Drawing 2014520102_sd.pdf](#)

3D Models and Design Files
[3D Model 2014520102_stp.zip](#)

Specifications
[Application Specification 2014510000-004.pdf](#)
[Packaging Specification 2014529200-200.pdf](#)
[Product Specification 2014510000-005.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[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
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	201452
Description	1.25mm Pitch SlimStack Floating Board-to-Board Plug Assembly, Surface Mount, Right-Angle, 4.20mm Stacking Height, 17.70mm Width, 10 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Family	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
UPC	191128756204

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Capable	No
Guide to Mating Part	Yes
Mated Height	4.20mm

Mated Width	17.70mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Liquid Crystal Polymer
Net Weight	1138.900/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	1.25mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.25mm Pitch SlimStack Floating Board-to-Board Receptacles	<u>201451</u>