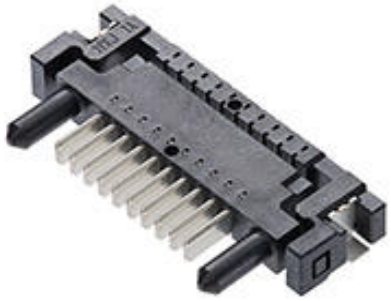
molex



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 : Obsolete
Product Category : Board-to-Board Connectors

Obsolete

Documents & Resources

Drawings

2014520102_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2014510000-004.pdf

2014529200-200.pdf

2014510000-005.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	Board-to-Board Connectors
Series	0.8 and above, FSR1
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 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

Obsolete

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

Obsolete

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.25mm Pitch SlimStack Floating Board-to-Board Receptacles	201451