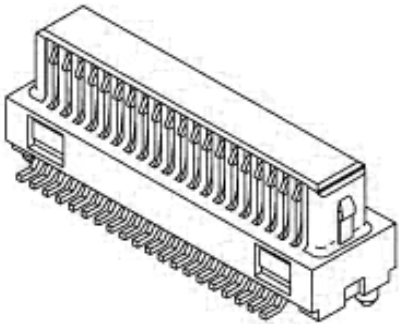
Part Number : 545525010
Product Description : SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Surface Mount, Dual Row, without Plastic Pegs, 50 Circuits
Series Number : 54552
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

545525010_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

SPK-54552-001-001.pdf

PS-54552-025-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	Active
Category	Board-to-Board Connectors
Series	0.4, RA
Description	SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Surface Mount, Dual Row, without Plastic Pegs, 50 Circuits
Application	Board-to-Board
Component Type	Receptacle
Product Name	SlimStack
UPC	884982103443

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Capable	No

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Mated Height	4.35mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	174.551/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.40mm Pitch SlimStack Board-to-Board Right-Angle Plugs	503376

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