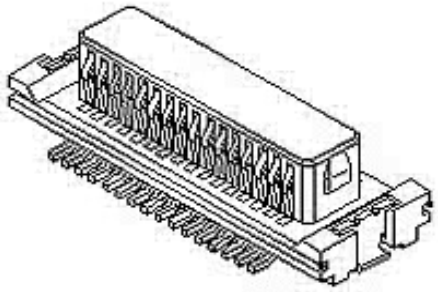
Part Number : 544340608
Product Description : 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 5.60mm Stacking Heights, with Solder Tabs, 60 Circuits
Series Number : 54434
Status : Not Recommended For New Design
Product Category : Board-to-Board Connectors



Documents and Resources

Specifications

PS-54434-011-001.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)7771-DC (04 Feb 2026)
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

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EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
Category	Board-to-Board Connectors
Series	54434
Description	0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 5.60mm Stacking Heights, with Solder Tabs, 60 Circuits
Application	Board-to-Board, Signal
Component Type	Receptacle
Product Name	SlimStack
UPC	822348131006

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	5.60mm
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	286.060/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel

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PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to PCB	No
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.50mm Pitch Right-Angle SlimStack Plugs	55289

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