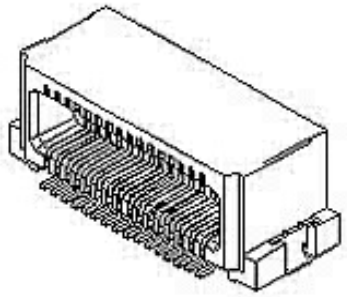
Part Number : 552890608
Product Description : 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Right-Angle, with Solder Tab, 60 Circuits
Series Number : 55289
Status : Obsolete
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

552890608_sd.pdf

Specifications

PS-54434-011-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
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

Obsolete

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- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	Board-to-Board Connectors
Series	55289
Description	0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Right-Angle, with Solder Tab, 60 Circuits
Application	Board-to-Board
Component Type	Plug
Product Name	SlimStack
UPC	822348133192

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Mated Height	4.80mm, 5.60mm
Material - Metal	Brass
Material - Plating Mating	Gold

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Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	1303.080/mg
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Shrouded	Shrouded
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 Vertical SlimStack Receptacles	54434

Obsolete

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