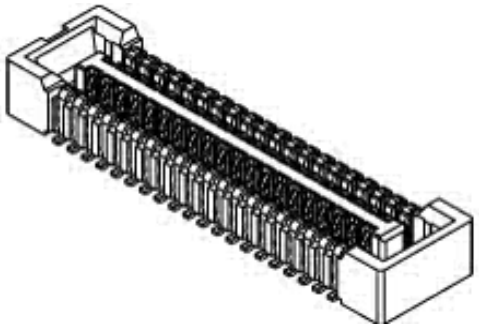
Part Number : 5031055010
Series Number : 503105
Status : Active - Proprietary
Product Category : Board-to-Board Connectors



Specifications

AS-503105-001-001.pdf

SPK-503105-001-001.pdf

PS-503105-001-001.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)6375-DC (05 Nov 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	Active - Proprietary
Category	Board-to-Board Connectors
Series	503105
Description	0.40mm Pitch SlimStack Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm Stacking Height, without Solder Tabs, 50 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle, Receptacle
Product Name	SlimStack
UPC	883906169206

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	1.50mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	56.701/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel

PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.20mm, 1.70mm
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-30° to +75°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.40mm Pitch SlimStack Board-to-Board Vertical Stacking Plugs	503108