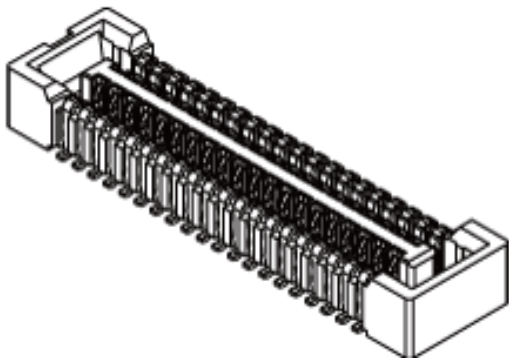




Part Number : [5031055010](#)
Product Description : 0.40mm Pitch SlimStack Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm Stacking Height, without Solder Tabs, 50 Circuits
Series Number : 503105
Status : Not Recommended For New Design
Product Category : Board-to-Board Connectors



Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Not Recommended For New Design
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
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

This document was generated on Mar 27, 2025