molex

Part Number : 2039560303

Product Description : SlimStack Board-to-Board Plug, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80 Mated Width, 30 Circuits

Series Number : 203956

Status : Active

Product Category : Board-to-Board Connectors

Documents & Resources

Drawings
Drawing 2039560303_sd.pdf

3D Models and Design Files
2D Drawing DXF 2039560303.dxf
2D Drawing DXF (PDF) 2039560303.pdf
3D Model 2039560303_stp.zip

Specifications
Application Specification 2039550000-003.pdf
Packaging Specification 2039569200-SPK-201.pdf
Product Specification 2039550000-002.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	♻
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

- 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	Active
Category	Board-to-Board Connectors
Series	203956
Description	SlimStack Board-to-Board Plug, 0.40mm Pitch, FSB5 Floating Series, 5.00mm Mated Height, 3.80 Mated Width, 30 Circuits
Series Name	0.4, FSB5
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Family	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
UPC	193264229031

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	40V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	None
Mated Height	5.00mm
Mated Width	3.80mm

Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	145.963/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.40mm Pitch SlimStack Board-to-Board Receptacles	203955

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