Part Number: 504208-4010

Status: Active

Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors

Description: 0.40mm Pitch SlimStack™ ST8 Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.80mm Stacking Height, 40 Circuits

Documents:

Drawing (PDF)
Product Specification PS-504208-001 (PDF)
Packaging Specification SPK-504208-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	504208
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	887191547220

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	0.80mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	20.011/mg
Number of Rows	2
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-504208-001
Product Specification	PS-504208-001
Sales Drawing	SD-504208-002, SD-504208-004, SD-504208-005

EU RoHS
ELV and RoHS Compliant

China RoHS

REACH SVHC
Contains SVHC: No

Low-Halogen Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
504208Series

Mates With
504248 SlimStack™ ST8 Board-to-Board Header