

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0524654070](#)

Status: **Active**

Overview:

Description: SlimStack Board-to-Board Connector, 0.80mm Pitch, RigidType Receptacle, 4.50 to 7.00mm Mated Height, Vertical, 40 Circuits, with Boss

General

Product Family	PCB Receptacles
Series	52465
Application	Board-to-Board, Signal
Overview	slimstack_fine_pitch_smt_board_to_board_connectors
Product Name	SlimStack
Series Name	0.8 and above
Taxonomy	Board-to-Board Connectors
UPC	822348203864

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	4.50mm, 5.65mm, 6.00mm, 7.00mm
Mated Width	4.70mm, 5.10mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	401.201/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52465-002-001
Product Specification	PS-52465-010-001, PS-52465-014-001, PS-52465-015-001
Sales Drawing	SD-52465-024-001, SD-52465-025-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[52465](#) Series

Mates With

[53364](#) , [53353](#) , [53307](#) , [53309](#)