

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0528850774](#)
Status: **Active**
Overview: [SlimStack Board-to-Board/Board-to-FPC Connectors](#)
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Receptacle, 6.00 to 10.00mm Mated Height, 6.40mm Mated Width, 70 Circuits

Documents:

- | | |
|---|--|
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 527600000-000 (PDF) | Reference Guide (PDF) |
| Packaging Specification SPK-52885-001-001 (PDF) | |

Agency Certification

UL E29179

General

Product Family	PCB Receptacles
Series	52885
Application	Board-to-Board, Signal
Comments	Stacking-Type
Component Type	PCB Receptacle
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.635, Rigid
Taxonomy	Board-to-Board Connectors
UPC	822348166039

Physical

Circuits (Loaded)	70
Circuits (maximum)	70
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	10.00mm, 6.00mm, 7.00mm, 8.00mm, 9.00mm
Mated Width	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	858.996/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.635mm
Plating min - Mating	0.254µm
Plating min - Termination	2.032µm
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[52885](#) Series

Mates With

SlimStack 0.635 Plug [55091](#) , [53625](#) , [53647](#)
, [53649](#) , [53627](#)

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52885-001-001
Product Specification	527600000-000
Sales Drawing	SD-52885-003-001, SD-52885-004-001

This document was generated on 01/30/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION