

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0550910574](#)
Status: **Active**
Overview: SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 6.00 or 12.00mm Mated Height, 6.40mm Mated Width, 50 Circuits

Documents:

3D Model	Packaging Specification 550919200-200 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 527600000-000 (PDF)	Product Literature (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	55091
Application	Board-to-Board, Signal
Comments	Stacking-Type
Overview	SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Product Literature Order No	987651-8281
Product Name	SlimStack
UPC	822348192397

Physical

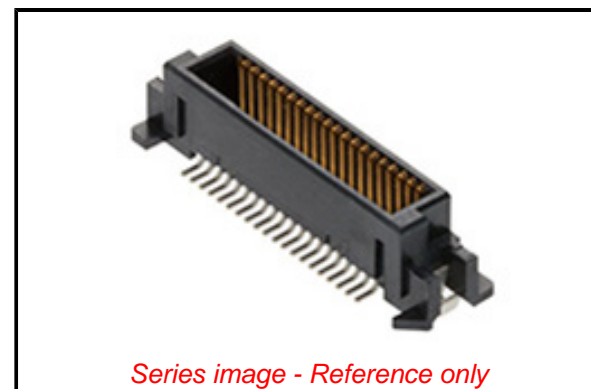
Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	12.00mm, 6.00mm
Mated Width	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	535.451/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.64mm
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

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

55091 Series

Mates With

SlimStack Receptacle [52885](#) , [52901](#)

Packaging Specification
Product Specification
Sales Drawing

550919200-200
527600000-000
SD-55091-006-001, SD-55091-007-001

This document was generated on 10/30/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[55091-0574](#)