

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0550910874](#)
Status: **Active**
Overview: SlimStack 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, 80 Circuits

Documents:

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

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	55091
Application	Board-to-Board, Signal
Comments	Stacking-Type, Stacking-Type
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	0.635
UPC	822348448661

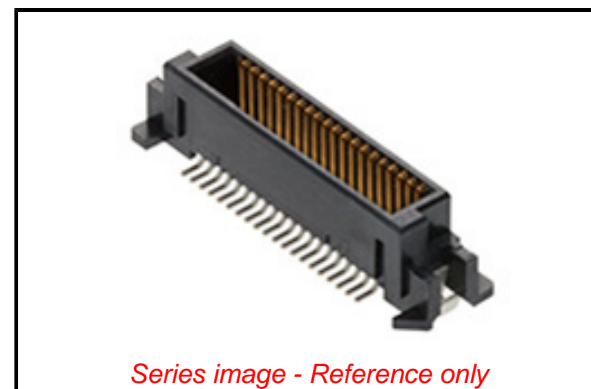
Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
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	736.541/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 +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

Reference - Drawing Numbers

Packaging Specification

550919200-200

Product Specification

527600000-000

Sales Drawing

SD-55091-006-001, SD-55091-007-001

This document was generated on 01/16/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION