

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0550910774](#)
Status: **Active**
Overview: SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Description: 0.635mm Pitch SlimStack Header, Surface Mount, Dual Row, Vertical Stacking, 6.00 and 12.00mm Stacking Heights, Black, 70 Circuits, Robotic Placement Metal Cap, with Embossed Tape on Reel Packaging

Documents:

[3D Model](#) [Packaging Specification 550919200-200 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 527600000-000 \(PDF\)](#)

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 Name SlimStack
 UPC 822348732098

Physical

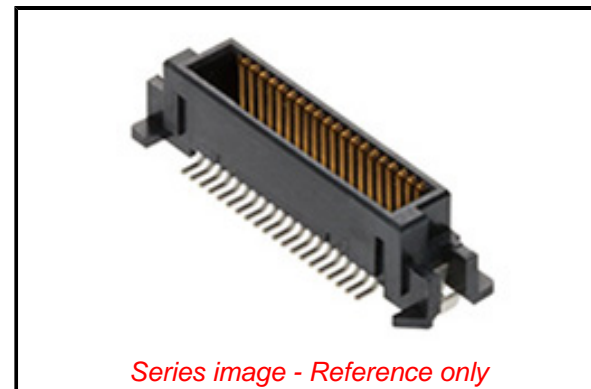
Breakaway No
 Circuits (Loaded) 70
 Circuits (maximum) 70
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part Yes
 Mated Height 12.00mm, 6.00mm
 Mated Width 6.40mm
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 699.511/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



Series image - Reference only

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 10/26/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION