

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0550910474](#)

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, 40 Circuits, Robotic Placement Metal Cap, with Embossed Tape on Reel Packaging

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	55091
Application	Board-to-Board, Signal
Comments	Stacking-Type
MolexKits	Yes
Overview	SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	822348192380

Physical

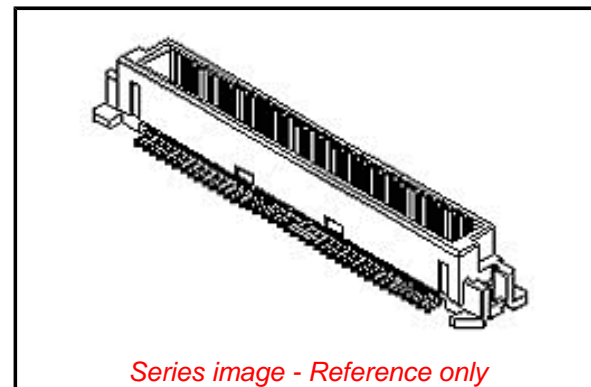
Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	12.00mm, 6.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	468.421/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
Stackable	No
Temperature Range - Operating	-55°C 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/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[55091](#) Series

Mates With

SlimStack™ Receptacle [52760](#) , [52837](#) ,
[52885](#) , [52901](#)

Product Specification

Sales Drawing

RPS-52760-017, RPS-52760-022, RPS-52760-030,
RPS-52901-012
SD-55091-006, SD-55091-007

This document was generated on 06/17/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION