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Part Number: [55650-0788](#)
Status: **Active**
Overview: SlimStack™ 0.50mm Pitch
Description: 0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 2.00mm Stack Height, with Solder Tab, 70 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-54363-046 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54363-044 \(PDF\)](#)

General

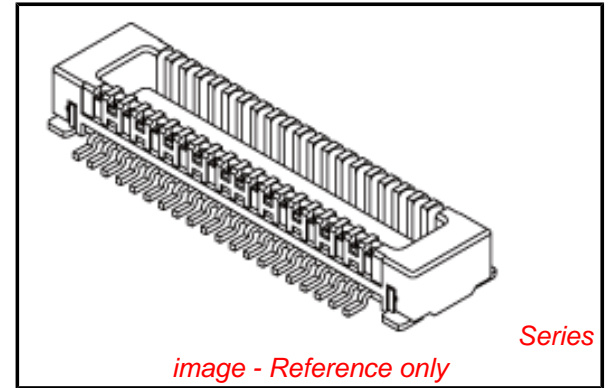
| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 55650 |
| Application | Board-to-Board, Signal |
| Comments | Solder Tab Plating: Lead-Free, Tin |
| Overview | SlimStack™ 0.50mm Pitch |
| Product Name | SlimStack™ |
| UPC | 822348292677 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 70 |
| Circuits (maximum) | 70 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 2.00mm |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 130.200/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| Pitch - Termination Interface | 0.50mm |
| Plating min - Mating | 0.254µm |
| Plating min - Termination | 0.102µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | No |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
|-------------------------------|------|



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[55650Series](#)

Mates With

[54363 PCB Receptacle](#)

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-54363-044, PS-54363-046, RPS-54363-047

Sales Drawing

SD-55650-013, SD-55650-014

This document was generated on 01/16/2013

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