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Part Number:

53748-0804

Status:

Active

Overview:

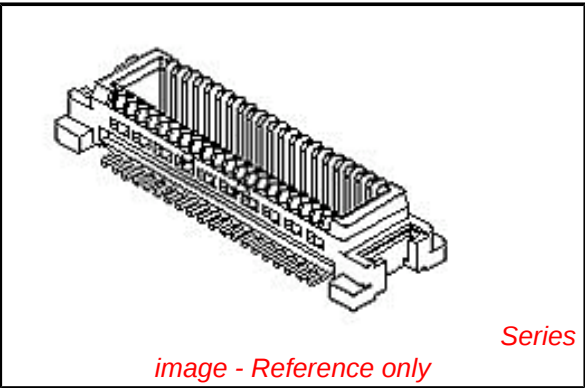
SlimStack™ 0.50mm Pitch Board-to-Board Connectors

Description:

0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 3.00mm Stack Height, 80 Circuits, with Vacuum Pick-up Tape

|                                                          |                                                             |
|----------------------------------------------------------|-------------------------------------------------------------|
| Documents:                                               |                                                             |
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-52991-007 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Packaging Specification SPK-53748-001 (PDF)</a> |
| <a href="#">Product Specification PS-52991-003 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |

|                                |                                                                   |
|--------------------------------|-------------------------------------------------------------------|
| General                        |                                                                   |
| Product Family                 | PCB Headers                                                       |
| Series                         | 53748                                                             |
| Application                    | Board-to-Board, Signal                                            |
| Overview                       | <a href="#">SlimStack™ 0.50mm Pitch Board-to-Board Connectors</a> |
| Product Name                   | SlimStack™                                                        |
| UPC                            | 800753488519                                                      |
| Physical                       |                                                                   |
| Breakaway                      | No                                                                |
| Circuits (Loaded)              | 80                                                                |
| Circuits (maximum)             | 80                                                                |
| First Mate / Last Break        | No                                                                |
| Glow-Wire Compliant            | No                                                                |
| Guide to Mating Part           | No                                                                |
| Keying to Mating Part          | None                                                              |
| Lock to Mating Part            | None                                                              |
| Mated Height                   | 3.00mm                                                            |
| Material - Metal               | Brass                                                             |
| Material - Plating Mating      | Gold                                                              |
| Material - Plating Termination | Gold                                                              |
| Net Weight                     | 412.900/mg                                                        |
| Number of Rows                 | 2                                                                 |
| Orientation                    | Vertical                                                          |
| PCB Locator                    | No                                                                |
| PCB Retention                  | None                                                              |
| Packaging Type                 | Embossed Tape on Reel                                             |
| Pitch - Mating Interface       | 0.50mm                                                            |
| Plating min - Mating           | 0.102µm                                                           |
| Polarized to PCB               | No                                                                |
| Shrouded                       | Fully                                                             |
| Stackable                      | No                                                                |
| Temperature Range - Operating  | -40°C to +105°C                                                   |
| Termination Interface: Style   | Surface Mount                                                     |
| Electrical                     |                                                                   |
| Current - Maximum per Contact  | 0.5A                                                              |
| Voltage - Maximum              | 50V                                                               |
| Material Info                  |                                                                   |
| Reference - Drawing Numbers    |                                                                   |
| Packaging Specification        | SPK-53748-001                                                     |
| Product Specification          | PS-52991-003, PS-52991-007, RPS-52991-019, RPS-52991-020          |
| Sales Drawing                  | SD-53748-003, SD-53748-004                                        |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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

53748Series

Mates With

SlimStack™ Receptacle [52991](#) , [54167](#)

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