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**Part Number:** [1042490810](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** SlimStack Hybrid Power SMT Board-to-Board Receptacle, 0.80mm Pitch, 0.75mm Height, 4 Power, 4 Signal Contacts

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification PK-104249-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Product Specification PS-104249-001 (PDF)</a>    | <a href="#">Product Literature (PDF)</a>                    |
| <a href="#">Packaging Specification 1042490810-400 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                    |

**General**

|                             |   |
|-----------------------------|---|
| Product Family              | PCB Receptacles   |
| Series                      | 104249  |
| Application                 | Board-to-Board  |
| Datasheet Order No          | 987651-2484, 987651-8794_ZH, 987651-8796_DE, 987651-8797_JA, 987651-8798_KO, 987651-8799_ES |
| Overview                    | <a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a>                           |
| Product Guide Order No      | 987651-8281   |
| Product Literature Order No | 987652-0196, Reference Guide#   |
| Product Name                | SlimStack   |
| Series Name                 | Battery   |
| UPC                         | 889056377850  |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| (p)ower-(s)ignal Configuration | 4p - 4s                |
| Circuits (Loaded)              | 8                      |
| Circuits (maximum)             | 8                      |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 10                     |
| Glow-Wire Capable              | No                     |
| Lock to Mating Part            | Yes                    |
| Mated Height                   | 0.75mm                 |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold over Nickel       |
| Material - Plating Termination | Gold over Nickel       |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 0.015/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| PCB Locator                    | No                     |
| PCB Retention                  | Yes                    |
| Packaging Type                 | Embossed Tape on Reel  |
| Pitch - Mating Interface       | 0.80mm                 |
| Polarized to Mating Part       | No                     |
| Polarized to PCB               | No                     |
| Temperature Range - Operating  | -40° to +85°C          |
| Termination Interface: Style   | Surface Mount          |

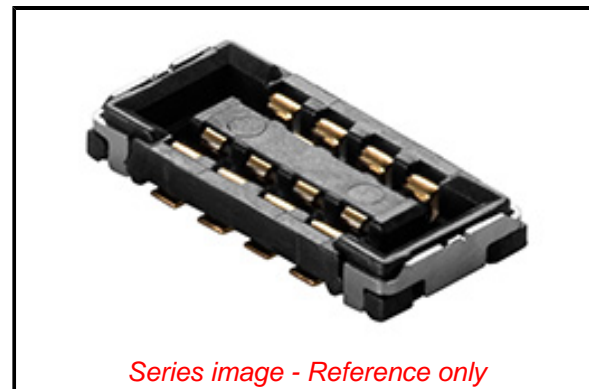
**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A, 4.5A      |
| Voltage - Maximum             | 50V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                               |
|-------------------------|-------------------------------|
| Packaging Specification | 1042490810-400, PK-104249-001 |
|-------------------------|-------------------------------|



**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**

[104249 Series](#)

**Mates With**

[104250](#) SlimStack 0.80mm Pitch Board-to-Board Battery Header

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