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Part Number: [1042500820](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack Hybrid Power SMT Board-to-Board Plug, 0.80mm Pitch, 0.75mm Height, 4 Power, 4 Signal Contacts

Documents:

| | |
|--|--|
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Drawing (PDF) | Product Literature (PDF) |
| Packaging Specification 1042500820-400 (PDF) | Product Literature (PDF) |

General

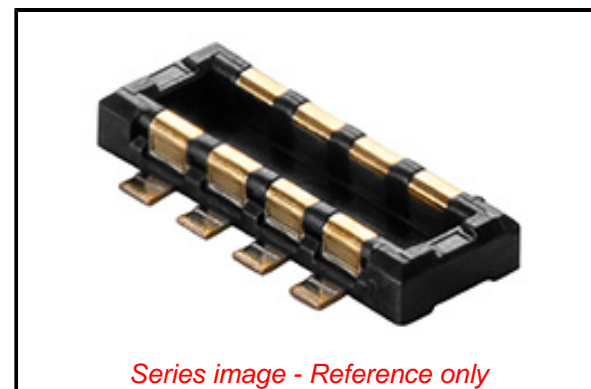
| | |
|-----------------------------|---|
| Product Family | PCB Headers |
| Series | 104250 |
| 3D Viewer | Yes |
| Application | Board-to-Board |
| CURRENT-MAX-NUMERIC | 0.3, 4.5 |
| Datasheet Order No | 987651-2484, 987651-8794_ZH, 987651-8796_DE, 987651-8797_JA, 987651-8798_KO, 987651-8799_ES |
| Overview | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| PITCH-MATING-NUMERIC | 0.80 |
| Product Guide Order No | 987651-8281 |
| Product Literature Order No | 987652-0196, Reference Guide# |
| Product Name | SlimStack |
| Series Name | Battery |
| UPC | 889056377843 |

Physical

| | |
|--------------------------------|------------------------|
| (p)ower-(s)ignal Configuration | 4p - 4s |
| Breakaway | No |
| 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 | 0.007/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 |



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

[104250](#) Series

Mates With

[104249](#) 0.80mm Pitch SlimStack Board-to-Board Battery Receptacle

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

1042500820-400
SD-104250-001

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