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Part Number: [0528850674](#)
Status: **Active**
Overview: SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Description: 0.635mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 6.00 to 10.00mm Stacking Heights, Embossed Tape with Cover Packaging, 60 Circuits

Documents:

| | |
|---|---|
| 3D Model | Product Specification PS-52760-015-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-52885-001-001 (PDF) |
| Product Specification 527600000-000 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 52885 |
| Application | Board-to-Board, Signal |
| Comments | Stacking-Type |
| Overview | SlimStack™ 0.635mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| UPC | 822348166015 |

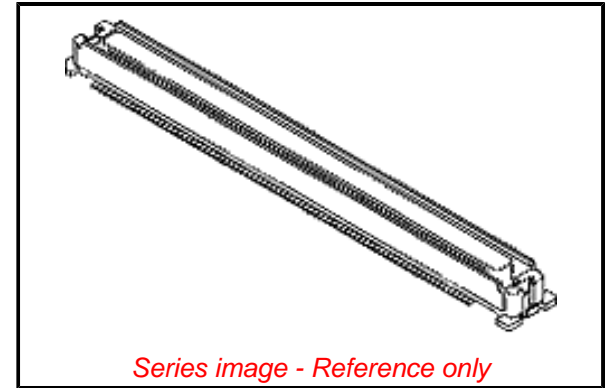
Physical

| | |
|--------------------------------|---|
| Circuits (Loaded) | 60 |
| Circuits (maximum) | 60 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Mated Height | 10.00mm, 5.00mm, 6.00mm, 7.00mm, 8.00mm, 9.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 841.801/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.64mm |
| Plating min - Mating | 0.254µm |
| Plating min - Termination | 2.032µm |
| Polarized to PCB | Yes |
| Robotic Placement | Pick and Place Cap |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -55°C to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum | 100V |

Material Info



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[52885](#) Series

Mates With

[55091](#) , [53649](#) , [53643](#) , [53475](#) , [53627](#) ,
[53553](#) , [53552](#) , [53647](#) , [53551](#) , [53481](#) ,
[53625](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-52885-001-001

527600000-000, PS-52760-015-001

SD-52885-003, SD-52885-004

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