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Part Number: [0550911674](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 6.00 or 12.00mm Mated Height, 6.40mm Mated Width, 160 Circuits, with Embossed Tape on Reel Packaging

Documents:

| | |
|---|--|
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 527600000-000 (PDF) | Reference Guide (PDF) |
| Packaging Specification 550919200-200 (PDF) | |

Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 55091 |
| Application | Board-to-Board, Signal |
| Comments | Stacking-Type |
| Component Type | PCB Header |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.635, Rigid |
| Taxonomy | Board-to-Board Connectors |
| UPC | 822348192427 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 160 |
| Circuits (maximum) | 160 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Mated Height | 12.00mm, 6.00mm |
| Mated Width | 6.40mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 1274.506/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.635mm |
| Polarized to PCB | Yes |
| Robotic Placement | Metal Cap |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[55091](#) Series

Mates With

SlimStack 0.635 Receptacle [52885](#) , [52901](#)

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------------------------|
| Packaging Specification | 550919200-200 |
| Product Specification | 527600000-000 |
| Sales Drawing | SD-55091-006-001, SD-55091-007-001 |

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