Part Number : 5035520622

Product Description : SlimStack Board-to-Board Plug, 0.40mm Pitch, HRF (High Retention Force) Series, 0.70mm Mated Height, 2.60mm Mated Width, 6 Circuits

Series Number : 503552

Status : Active

Product Category : Board-to-Board Connectors

## Documents & Resources

### Drawings

Drawing_5035520622_sd.pdf

### 3D Models and Design Files

2D Drawing DXF_5035520622.dxf

2D Drawing DXF (PDF)_5035520622.pdf

3D Model_5035520622_stp.zip

### Specifications

Packaging Specification_5035529200-SPK-200.pdf

Product Specification_5035480003-PS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 503552 |
| Description | SlimStack Board-to-Board Plug, 0.40mm Pitch, HRF (High Retention Force) Series, 0.70mm Mated Height, 2.60mm Mated Width, 6 Circuits |
| Series Name | 0.4, HRF 7S |
| Application | Board-to-Board, Signal |
| Component Type | PCB Header |
| Product Family | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| UPC | 191128129671 |

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 0.70mm |
| Mated Width | 2.60mm |

| | |
|---|---|
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 4.860/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.40mm |
| Pitch - Termination Interface | 0.40mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Surface Mount |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 0.40mm Pitch SlimStack Board-to-Board Receptacles | 503548 |