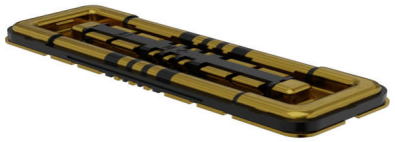
**Part Number :** 2293250069
**Product Description :** ChargeStack Board-to-Board Receptacle, 0.30mm Pitch, 0.52mm Height, 6 Signal Pin + 2 Power Pin + 2 Fitting Nail, 20A Battery B-to-B, 1 Reel/Carton
**Series Number :** 229325
**Status :** Active
**Product Category :** Board-to-Board Connectors



## Documents and Resources

### Drawings

2293250069_sd.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

2293259100-SPK-001.pdf

2293250000-PS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| China RoHS | Not Reviewed |
| EU ELV | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC | Not Reviewed |
| EU RoHS | Not Reviewed |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | Battery |
| Description | ChargeStack Board-to-Board Receptacle, 0.30mm Pitch, 0.52mm Height, 6 Signal Pin + 2 Power Pin + 2 Fitting Nail, 20A Battery B-to-B, 1 Reel/Carton |
| Application | Board-to-Board |
| Comments | 6 signal terminals; 2 power terminals |
| Component Type | Receptacle |
| Product Name | ChargeStack |
| UPC | 198930457299 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 0.3A, 20.0A |
| Voltage - Maximum | 50V AC (RMS)/DC |

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits Detail | 6 signal terminals; 2 power terminals |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Black |

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| | |
|---|---|
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Mated Height | 0.52mm |
| Mated Width | 2.00mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.30mm |
| Pitch - Termination Interface | 0.30mm |
| Plating min - Mating | 0.100µm |
| Plating min - Termination | 0.050µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| (p)ower-(s)ignal Configuration | 2p - 6s |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Surface Mount |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| ChargeStack Board-to-Board Plug, 0.30mm Pitch, 0.52mm Height, 6 Signal Pin + 2 Power Pin + 2 Fitting Nail, 20A Battery B-to-B, 1 Reel/Carton | 2293260069 |



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