Part Number : 2283500069
Product Description : ChargeStack Board-to-Board Receptacle, 0.30mm Pitch, 0.52mm Height, 6 Signal Pin + 2 Power Pin + 2 Fitting Nail, 10A Battery B-to-B, 1 Reel/Carton
Series Number : 228350
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

2283500069_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

2283509100-SPK-001.pdf

2283500000-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

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, 10A 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	198930457312

Electrical

Current - Maximum per Contact	0.3A, 10.0A
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)
Net Weight	8.569/g
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, 10A Battery B-to-B, 1 Reel/Carton	2283510069

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