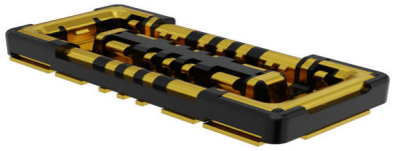
Part Number : 2202500069
Product Description : ChargeStack Board-to-Board Receptacle, 0.35mm Pitch, 0.70mm Height, 6 Signal Pin + 2 Power Pin + 2 Fitting Nail, 18A Battery B-to-B, 8 Reels/Carton
Series Number : 220250
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

2202500069_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2202500060-AS-000.pdf

2202500060-SPK-000.pdf

2202500069-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- 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, 0.35mm Pitch, 0.70mm Height, 6 Signal Pin + 2 Power Pin + 2 Fitting Nail, 18A Battery B-to-B, 8 Reels/Carton
Application	Board-to-Board
Comments	6 signal terminals; 2 power terminals
Component Type	Receptacle
Product Name	ChargeStack
UPC	195842880948

Electrical

Current - Maximum per Contact	0.3A, 18.0A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Breakaway	No
Circuits Detail	6 signal terminals; 2 power

	terminals
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.70mm
Mated Width	2.30mm
Material - Metal	Corson Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	14.760/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	0.35mm
Pitch - Termination Interface	0.35mm
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, 0.35mm Pitch, 0.70mm Height, 6	2202510069

Signal Pin + 2 Power Pin + 2 Fitting Nail, 18A Battery B-to-B, 8 Reels/Carton	