



Part Number : [2207171001](#)

Product Description : HyperQube 6.00mm, Screw Mount, Right-Angle PCB Receptacle, Black, Tray

Series Number : 220717

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 2207171001_sd.pdf](#)

[Packaging Design Drawing 2207171001-PK-000.pdf](#)

3D Models and Design Files

[3D Model 2207171001_stp.zip](#)


Specifications

[Application Specification 2207170001-AS-000.pdf](#)

[Product Specification 2207170001-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	PCB Headers and Receptacles
Series	220717
Description	HyperQube 6.00mm, Screw Mount, Right-Angle PCB Receptacle, Black, Tray
Application	Power, Wire-to-Board, Wire-to-Busbar
Component Type	PCB Receptacle
Product Family	HyperQube High-Voltage, High-Current Interconnect System
Product Name	HyperQube
UPC	196823259364

Electrical

Current - Maximum per Contact	120.0A
Voltage - Maximum	1000V

Physical

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Color - Resin	Black
Diameter	6.00mm
Durability (mating cycles max)	200
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	High Performance Copper Alloy
Material - Plating Mating	Gold

Material - Plating Termination	Silver
Material - Resin	PBT
Net Weight	5.706/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.50mm-2.00mm
Pitch - Mating Interface	N/A
Polarized to Mating Part	No
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Screw Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
HyperQube 6.00mm, Plug Housing, Black, Bag	<u>2207181001</u>