Part Number : 2046080006

Product Description : PowerWize 6.00mm Silver Plated Copper Alloy Crimp Socket, 2 AWG, Tray

Series Number : 204608

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing_2046080006_sd.pdf

Packaging Design Drawing_2046080006-PK-000.pdf

Specifications

Application Specification_2119410000-AS-000.pdf

Application Specification_2155101000-AS-000.pdf

Product Specification_2119410000-PS-000.pdf

Product Specification_2155100006-PS-000.pdf

Test Summary_2119410000-TS-000.pdf

Test Summary_2155106000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
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	Crimp Terminals
Series	204608
Description	PowerWize 6.00mm Silver Plated Copper Alloy Crimp Socket, 2 AWG, Tray
Application	Power, Wire-to-Board, Wire-to-Busbar
Comments	Current and voltage performances are dependent upon application variables
Product Family	PowerWize High-Current Wire-to-Board/Wire-to-Busbar Connectors
Product Name	PowerWize,PowerWize BMI
UPC	191130519453

Electrical

Current - Maximum per Contact	120.0A
Voltage - Maximum	300V

Physical

Diameter	6.00mm
Durability (mating cycles max)	200
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Net Weight	12.309/g
Packaging Type	Tray
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	N/A
Wire Size (AWG)	2
Wire Size mm^2	N/A

Solder Process Data

Max-Duration	600
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	2
Max-Temp	205

Use with Part(s)

Description	Part Number
PowerWize BMI 6.00mm, 2-circuit, Black Panel Mount Receptacle Housing, Bag	/content/molex/molex-dot-com/us/en/products/product-page.html/2155116121.html
PowerWize 6.00mm Receptacle Housings	211942
PowerWize 6.00mm TPA (Terminal Position Assurance) Retainers	211888

Application Tooling

Global

Description	Part Number
Square "Din" Style Die Sets for 6mm Coeur CST Receptacle Terminals, 2 AWG	2139380050
Tooling Kit for 6.00mm SideWize Right-Angle Terminal, 2 AWG	2193820050