



Part Number : 2046080006

Series Number : 204608

Product Category : Crimp Terminals

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

Status : Active

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(2024)4144-DC (27 June 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	<u>211942</u>
PowerWize 6.00mm TPA (Terminal Position Assurance) Retainers	<u>211888</u>

Application Tooling

Global

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