



Part Number : 2046081006

Series Number : 204608

Product Category : Crimp Terminals

Product Description : PowerWize 6.00mm
Silver Plated Copper Alloy Crimp Socket, 6
AWG, Tray

Status : Active

Documents & Resources

Drawings

Drawing 2046081006_sd.pdf

Specifications

Application Specification 2119410000-AS-000.pdf

Product Specification 2119410000-PS-000.pdf

Test Summary 2119410000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
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, 6 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	193264046768

Electrical

Current - Maximum per Contact	80.0A
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	11.600/g
Packaging Type	Tray
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size (AWG)	6
Wire Size mm ²	N/A

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, 6 AWG	2139380030
HHL Tooling Kit for 6.00mm Coeur CST Receptacle Terminals, 6 AWG	2139390030