Part Number : 2046081006
Product Description : PowerWize 6.00mm Silver Plated Copper Alloy Crimp Socket, 6 AWG, Tray
Series Number : 204608
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

2046081006_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

2119410000-AS-000.pdf

2119410000-PS-000.pdf

2119410000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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	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 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

Mates With / Use With

Use with Part(s)

Description	Part Number
PowerWize BMI 6.00mm, 2-circuit, Black Panel Mount Receptacle Housing, Bag	2155116121
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 6.00mm Coeur CST Receptacle Terminals, 6 AWG	2139380030
HHL Tooling Kit for 6.00mm Coeur CST Receptacle Terminals, 6 AWG	2139390030
