



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

[2046080006_sd.pdf](#)

[2046080006-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[2119410000-AS-000.pdf](#)

[2155101000-AS-000.pdf](#)

[2119410000-PS-000.pdf](#)


[2155100006-PS-000.pdf](#)

[2119410000-TS-000.pdf](#)

[2155106000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
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, 2 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	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

Mates With / Use With

Use with Part(s)

Description	Part Number
PowerWize BMI 6.00mm, 2-circuit, Black Panel Mount Receptacle Housing, Bag	<u>2155116121</u>
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 6.00mm Coeur CST Receptacle Terminals, 2 AWG	<u>2139380050</u>

Tooling Kit for 6.00mm SW1 Right- Angle Terminal, 2 AWG	<u>2193820050</u>
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