



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

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## 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](#)

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## 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(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

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## 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 <sup>2</sup>	N/A

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## Use with Part(s)

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

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## Application Tooling

### Global

Description	Part Number
Square "Din" Style Die Sets for 6mm Coeur CST Receptacle Terminals, 6 AWG	<u>2139380030</u>
HHL Tooling Kit for 6.00mm Coeur CST Receptacle Terminals, 6 AWG	<u>2139390030</u>

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