



**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

[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

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## 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 <sup>2</sup>	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	<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 6mm Coeur CST Receptacle Terminals, 2 AWG	<u>2139380050</u>
Tooling Kit for 6.00mm SideWize Right-Angle Terminal, 2 AWG	<u>2193820050</u>

This document was generated on Oct 01, 2024