



**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](#)

**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         |                                                    |
| EU ELV             | Not Relevant                                       |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                     |
| REACH SVHC         | Not Contained per D(2024)4144-DC<br>(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 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 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> |

This document was generated on Apr 26, 2025