



**Part Number :** [2046010001](#)  
**Product Description :** PowerWize 8.00mm, 2-circuit, Black Receptacle Housing in Partitioned Carton  
**Series Number :** 204601  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[Drawing 2046010001\\_sd.pdf](#)  
[Packaging Design Drawing 2046010001-PK-000.pdf](#)

**3D Models and Design Files**  
[3D Model 2046010001\\_stp.zip](#)

**Specifications**  
[Application Specification 2043130001-AS-000.pdf](#)  
[Product Specification 2046000001-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |              |
|--------------------|--------------|
| China RoHS         | Not Reviewed |
| EU ELV             | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC         | Not Reviewed |
| EU RoHS            | Not Reviewed |

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       | Connector Housings                                                          |
| Series         | 204601                                                                      |
| Description    | PowerWize 8.00mm, 2-circuit, Black Receptacle Housing in Partitioned Carton |
| Application    | Power, Wire-to-Board, Wire-to-Busbar                                        |
| Product Family | PowerWize High-Current Wire-to-Board/Wire-to-Busbar Connectors              |
| Product Name   | PowerWize                                                                   |
| UPC            | 191128427456                                                                |

#### Physical

|                               |                    |
|-------------------------------|--------------------|
| Circuits (maximum)            | 2                  |
| Color - Resin                 | Black              |
| Diameter                      | 8.00mm             |
| Gender                        | Receptacle         |
| Glow-Wire Capable             | No                 |
| Keying to Mating Part         | None               |
| Lock to Mating Part           | Yes                |
| Material - Resin              | PBT                |
| Net Weight                    | 22.600/g           |
| Number of Rows                | 1                  |
| Packaging Type                | Partitioned Carton |
| Panel Mount                   | N/A                |
| Pitch - Mating Interface      | 25.00mm            |
| Polarized to Mating Part      | Yes                |
| Temperature Range - Operating | -40° to +125°C     |

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## Mates With / Use With

### Mates with Part(s)

| Description                   | Part Number   |
|-------------------------------|---------------|
| PowerWize Screw Mount Headers | <u>204600</u> |

### Use with Part(s)

| Description                                                                                                 | Part Number                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PowerWize 8.00mm Copper Alloy Crimp Socket, 1/0 AWG, Tray Packed                                            | <u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2046080001.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2046080001.html</a></u> |
| PowerWize 8.00mm TPA (Terminal Position Assurance) Retainer for use with 1/0 AWG Wire in Partitioned Carton | <u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2046030001.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2046030001.html</a></u> |