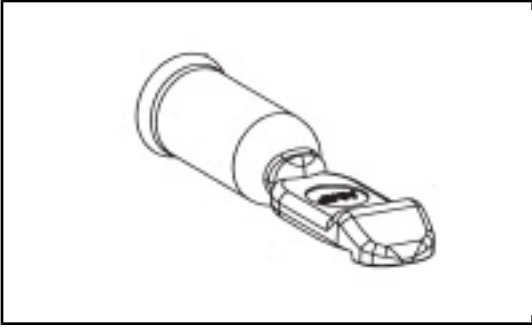


# 647878-1 Product Details

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**647878-1**

TE Internal Number: 647878-1

 [Active](#)

## Power Connectors

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

### Product Highlights:

- Contact
- 50 AMP Series
- Wire Size (AWG/CM) = 8 AWG
- Current = 50 Amps.
- Wire Insulation Diameter, Max. = 11.18 mm

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [CONTACT, 8 AWG, AMP POWER SERIES 50 / 75](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [Power Connectors for Industrial and Commercial Appli...](#) (PDF, English)
- [AMP POWER SERIES 50 CONNECTORS \(1\)](#) (PDF, English)
- [AMP POWER SERIES 50 CONNECTORS \(2\)](#) (PDF, English)
- [AMP POWER SERIES 75 CONNECTORS \(SINGLE-POLE\)](#) (PDF, English)
- [AMP Power Series 50 FPR \(Finger Probe Resistant\) Con...](#) (PDF, English)

### Product Specifications:

- None Available

### Application Specifications:

- [AMP Power Series 50 Connector Assemblies](#) (PDF, English)

### Instruction Sheets:

- [Crimp Tool 1526955-1](#) (PDF, English)

### CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

[List all Documents](#)

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)

## Product Features (Please use the Product Drawing for all design activity)

### Product Type Features:

- Product Type = Contact
- Comment = Housings and contacts are bulk packaged.

### Electrical Characteristics:

- Current (Amps.) = 50
- Wire Insulation Diameter, Max. (mm [in]) = 11.18 [0.440]

### Body Related Features:

- Series = 50 AMP
- Wire Size (AWG/CM) = 8 AWG

### Contact Related Features:

- Contact Mating Area Plating Material = Silver
- Contact Base Material = Copper
- Contact Style = Cold-Headed

### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

### Packaging Related Features:

- Packaging Method = Loose Piece, Bulk

### Other:

- Brand = AMP