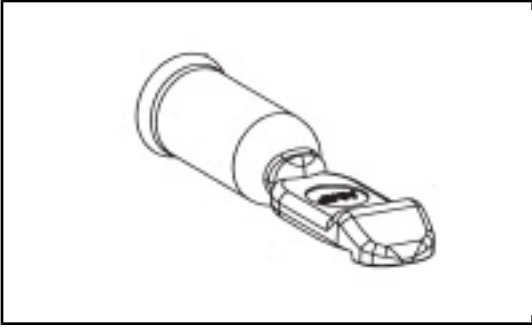


647877-1 Product Details



647877-1

TE Internal Number: 647877-1

 [Active](#)

Power Connectors

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

Product Highlights:

- Contact
- 50 AMP Series
- Wire Size (AWG/CM) = 6 AWG
- Current = 50 Amps.
- Wire Insulation Diameter, Max. = 11.18 mm

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [CONTACT, 6 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

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) = 6 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