



**CONNECTORS**

**POWER CONTACTS**



✓ Active

TE CONNECTIVITY (TE)

## AMP UNIVE. POWER CONN REC CONT

Power Double Lock | AMP Universal Power

175152-2

TE Internal Number: 175152-2

Alias ID: 0-0175152-2

EU RoHS Compliant

EU ELV Compliant

**Connector System** Wire-to-Wire

**Product Type** Contact

**Operating Voltage (VAC)** 300, 50

**Circuit Application** Power

**Wire/Cable Size (AWG)** 20 – 16

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

#### **REC CONTACT AMP UNIVERSAL POWER CONN.**

PDF (TIFF AVAILABLE)

**English**

CAD Files

#### **Customer View Model**

3D\_IGS.ZIP

**English**

#### **Customer View Model**

3D\_STP.ZIP

**English**

### **Customer View Model**

2D\_DXF.ZIP

**English**

### **3D PDF**

PDF

**English**

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Product Specifications

Product Specification

### **AMP Universal Power Connector**

PDF

**Japanese**

### **AMP Universal Power Connector**

TIF

**Japanese**

Application Specification

### **Crimping Of Universal Power Contact**

TIF

**Japanese**

### **Crimping Of Universal Power Contact**

PDF

**English**

### **APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF**

PDF

**English**

### **APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF**

TIF

**English**

Qualification Test Report

### **XREF**

TIF

**English**

### **XREF**

PDF

**English**

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Product Environmental Compliance

TE Material Declaration

### **MD\_175152-2\_012020152151\_dmtec**

PDF

**English**

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Instruction Sheets

Instruction Sheet (non U.S.)

### **Extraction Tool For UP(913923-1)**

TIF

English

### Extraction Tool For UP(913923-1)

PDF

English

### Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

TIF

Japanese

### Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

PDF

English

### AMP UNIVERSAL POWER CONNECTOR SERIES

TIF

English

### AMP UNIVERSAL POWER CONNECTOR SERIES

PDF

English

## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

#### Product Type Features

**Connector System** Wire-to-Wire

**Product Type** Contact

#### Electrical Characteristics

**Operating Voltage (VAC)** 300, 50

**Insulation Resistance** 1000

#### Contact Features

**Contact Type** Receptacle

**Contact Base Material** Brass

**Contact Mating Area Plating Material** Pre-Tin

**Contact Mating Area Plating Thickness** .8  $\mu\text{m}$  [ 31.49  $\mu\text{in}$  ]

**Contact Termination Area Plating Material** Pre-Tin

**Contact Termination Area Plating Thickness** .8  $\mu\text{m}$  [ 31.49  $\mu\text{in}$  ]

**Contact Crimp Area Plating Material** Pre-Tin

**Crimp Area Plating Thickness ( $\mu\text{m}$ )** .8

**Contact Angle** Straight

#### Termination Features

**Wire/Cable Size (AWG)** 20 – 16

**Wire/Cable Size ( $\text{mm}^2$ )** .5 – 1.42

**Termination Type** Crimp

## Mechanical Attachment

**Contact Retention in Housing** With  
**Wire Insulation Support** With

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## Dimensions

**Accepts Wire Insulation Diameter Range** 1.7 – 3.3 mm [ .067 – .13 in ]

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## Operation/Application

**Circuit Application** Power  
**Operating Temperature Range** -30 – 105 °C [ -22 – 221 °F ]

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## Industry Standards

**Glow Wire Rating** Standard Part - Not Glow Wire

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## Packaging Features

**Packaging Method** Reel  
**Packaging Quantity** 4000

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## Other

**For Multiple Crimp** No

## Statement of Compliance

**Statement of Compliance**

PDF