



CONNECTORS

POWER CONTACTS



✓ Active

TE CONNECTIVITY (TE)

UNIVERSAL POWER CONN TAB

Power Double Lock | AMP Universal Power

175150-1

TE Internal Number: 175150-1

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

Tab Contact Amp Universal Power Conn

PDF (TIFF AVAILABLE)

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Product Specification

AMP Universal Power Connector

PDF

Japanese

AMP Universal Power Connector

TIF

Japanese

AMP Lattice Connector

TIF

Japanese

AMP Lattice Connector

PDF

Japanese

AMP UNIVERSAL POWER CONNECTOR M/T TYP

TIF

Japanese

AMP UNIVERSAL POWER CONNECTOR M/T TYP

PDF

English

AMP UNIVERSAL POWER CONNECTOR M/T TYP

PDF

Japanese

AMP UNIVERSAL POWER CONNECTOR M/T TYP

TIF

English

Application Specification

Crimping Of Universal Power Contact

TIF

Japanese

Crimping Of Universal Power Contact

PDF

English

Qualification Test Report

AMP Lattice Connector

PDF

English

AMP Lattice Connector

TIF

English

XREF

TIF

English

XREF

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_175150-1_06202016450_dmtec

PDF

English

Instruction Sheets

Instruction Sheet (non U.S.)

Extraction Tool For UP(913923-1)

TIF

English

Extraction Tool For UP(913923-1)

PDF

English

AMP UNIVERSAL POWER CONNECTOR SERIES

TIF

English

AMP UNIVERSAL POWER CONNECTOR SERIES

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

Agency Approvals

UL Report

AMP UNIVERSAL POWER CONNECTORS REPORT

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

Contact Features

Contact Type Tab

Contact Base Material Copper Alloy

Contact Mating Area Plating Material Pre-Tin

Contact Mating Area Plating Thickness .8 μm [31.49 μin]

Contact Termination Area Plating Material Pre-Tin

Contact Termination Area Plating Thickness .8 μm [31.49 μin]

Contact Crimp Area Plating Material Pre-Tin

Crimp Area Plating Thickness (μm) .8

Contact Angle Straight

Termination Features

Wire/Cable Size (AWG) 20 – 16

Wire/Cable Size (mm²) .5 – 1.42

Termination Type Crimp

Mechanical Attachment

Contact Retention in Housing With

Wire Insulation Support Without

Dimensions

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

Operation/Application

Circuit Application Power

Operating Temperature Range -30 – 105 °C [-22 – 221 °F]

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire

Packaging Features

Packaging Method Reel

Packaging Quantity 4000

Other

For Multiple Crimp No

Statement of Compliance

Statement of Compliance

