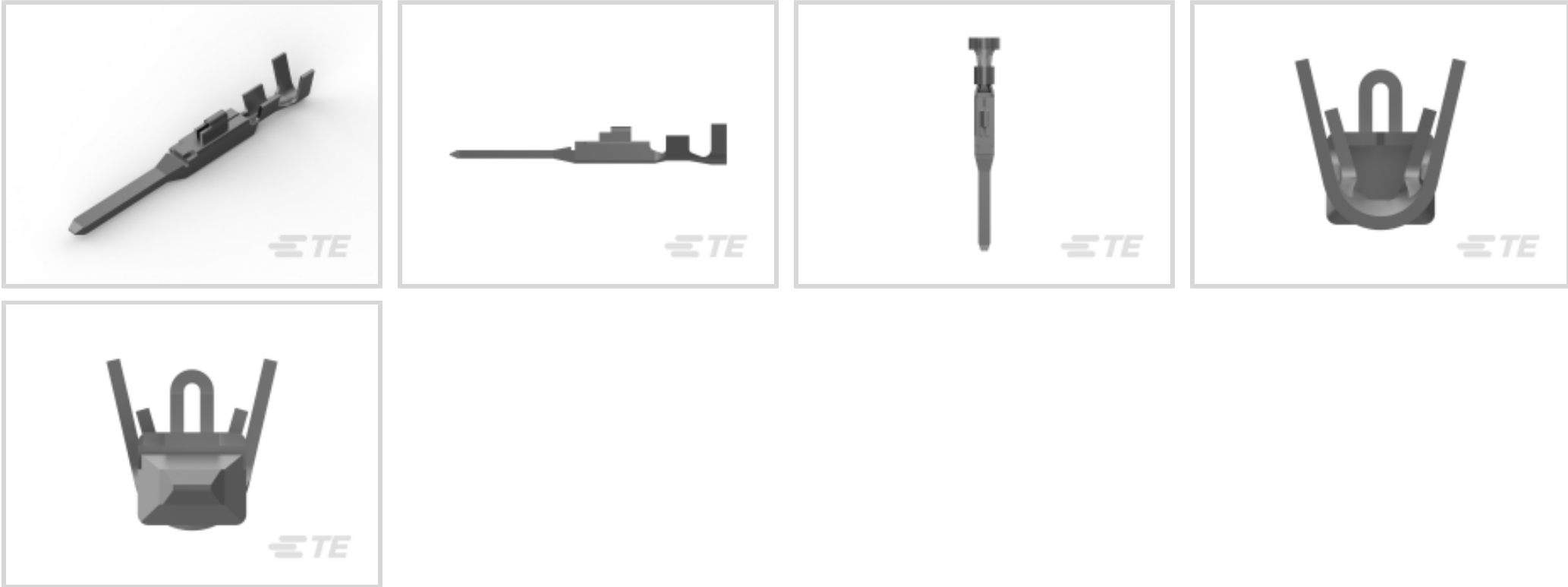




Connectors > Contacts > Connector Contacts



Contact Type: **Tab**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **50 VAC, 300 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	50 VAC, 300 VAC
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Contact Features

Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.64 mm[.025 in]
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Contact Orientation	Straight
Contact Type	Tab
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	12 A

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.2 - 2 mm[.047 - .079 in]
Wire Size	.12 - .35 mm²

Usage Conditions

Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

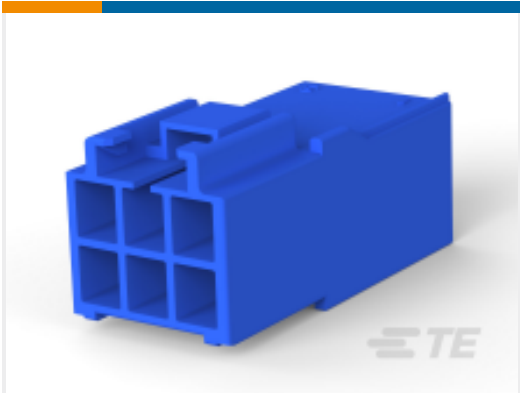
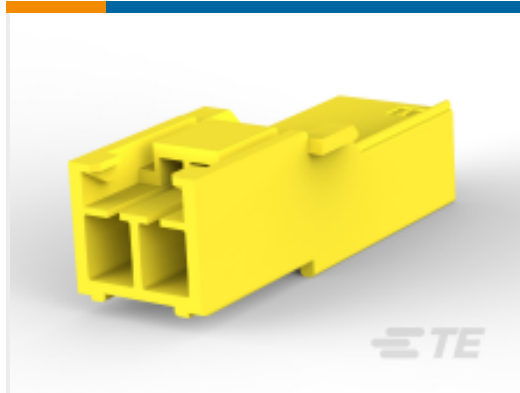
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous



materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 176301-1 UNVI POWER CAP HSG 18P PNL MTG	 TE Part # 176291-1 UNIV POWER CAP HSG 18P F/H	 TE Part # 176299-1 UNVI POWER CAP HSG 12P PNL MTG	 TE Part # 176290-1 UNIV POWER CAP HSG 15P F/H
 TE Part # 176295-1 UNIV POWER CAP HSG 6P P/MOUNT	 TE Part # 176286-1 UNIV POWER CAP HSG 8P F/H	 TE Part # 176284-1 AMP UNIVERSAL POWER CAP 4P	 TE Part # 176285-1 AMP UNIVERSAL POWER CAP 6P
 TE Part # 176285-6 AMP UNIVERSAL POWER CAP 6P	 TE Part # 176283-1 AMP UNIVERSA POWR CAP 3P	 TE Part # 176282-4 AMP UNIVERSAL POWER CAP 2P	 TE Part # 176282-1 AMP UNIVERSAL POWER CAP 2P
 TE Part # 176281-1 UNIV POWER CAP HSG 1P F/H	 TE Part # 1-176282-1 AMP UNIVERSAL POWER CAP 2P	 TE Part # 176284-9 AMP UNIVERSAL POWER CAP 4P	 TE Part # 176288-1 UNIV POWER CAP HSG 10P F/H



TE Part # 176289-1
UNIV POWER CAP HSG 12P F/H

TE Part # 176297-1
UNIV POWER CAP HSG 9P P/MOUNT

TE Part # 176300-1
UNVI POWER CAP HSG 15P PNL MTG

TE Part # 913923-1
EXTRACTON TOOL FOR 175150

Also in the Series | AMP Universal Power

Connector Contacts(22)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(163)

Customers Also Bought

TE Part # 5-1971776-3
PTL 2X3 PLUG HSG HIGH TEMP KEY A LGR

TE Part # 1-176282-1
AMP UNIVERSAL POWER CAP 2P

TE Part # 1742543-1
250 FASTON, FLAG, REC., 18-12 AWG, NPST

TE Part # 1743401-1
HALL SENSOR 5P PLUG HSG

TE Part # 284866-8
Direct mount card edge conn.,

TE Part # 3-480699-0
02P UMNL CAP HSG NATL

TE Part # 521955-2
PL MKIII 250 REC HSG 2P

TE Part # 1-176282-5
AMP UNIVERSAL POWER CAP 2P GREEN

TE Part # 293132-3
DUOPLUG 2.5 pitch, with External Walls



Documents

Product Drawings

AMP UNIVE. POWER CONN TAB CONT

English

CAD Files

Customer View Model

ENG_CVM_CVM_175149-2_P.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175149-2_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175149-2_P.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF

English

Instruction Sheets

Extraction Tool for UP(913923-1)

English

Instruction Sheet (non U.S.)

English

AMP UNIVERSAL POWER CONNECTOR SERIES

English

Instruction Sheet (non U.S.)

English

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

Japanese

Instruction Sheet (non U.S.)

English