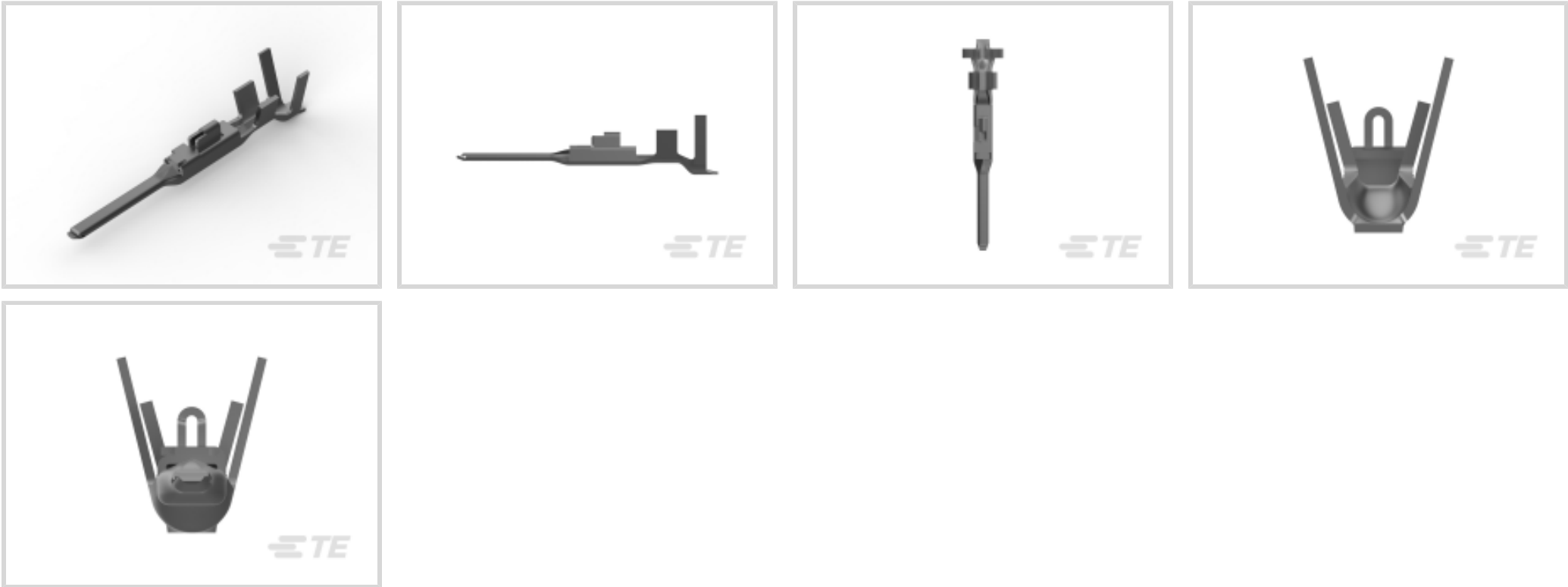




Connectors > Contacts > Connector Contacts



Contact Type: **Tab**
Contact Mating Area Plating Material: **Tin (Sn)**
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

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material Finish	Matte
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]
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass

Contact Current Rating (Max)	12 A
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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	1.7 – 3.3 mm[.067 – .13 in]
Wire Size	.5 – 1.42 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	4000
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

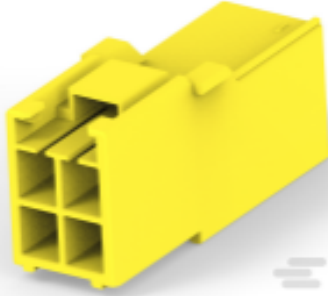
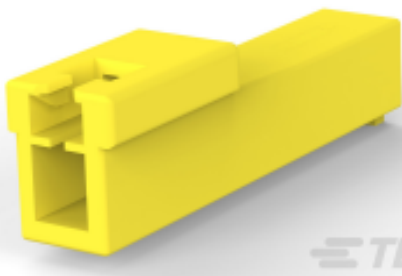
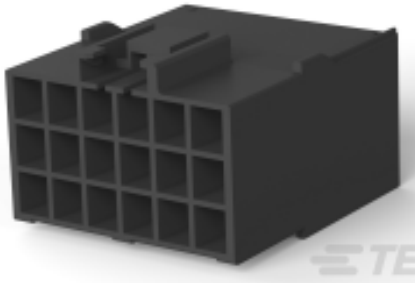
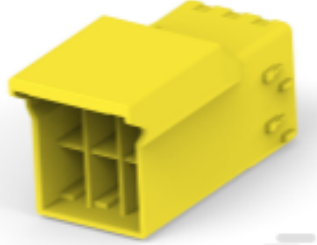
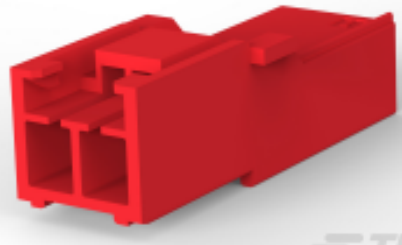
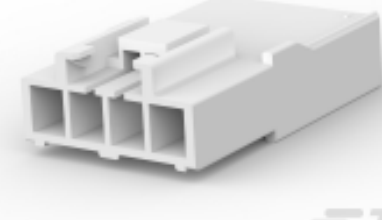
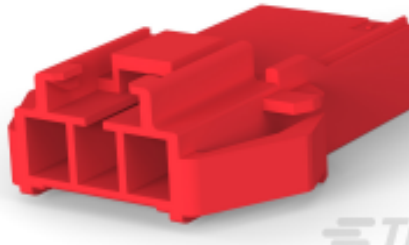
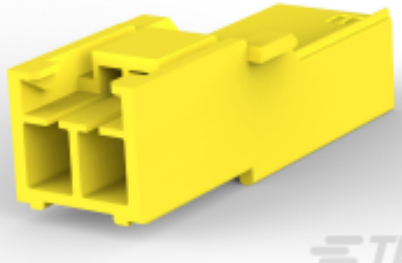
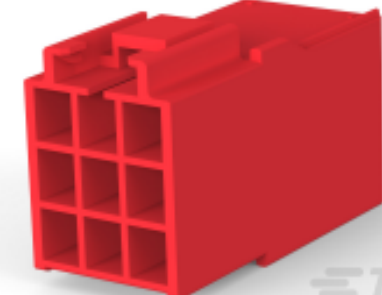
Product Compliance Disclaimer

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

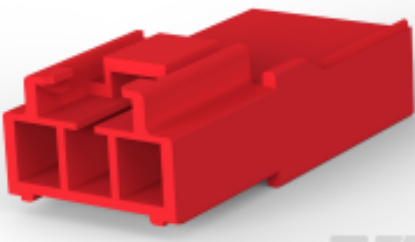


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 # 176292-9 UNIV POWER CAP HSG 2P P/MOUNT	 TE Part # 176285-9 AMP UNIVERSAL POWER CAP 6P	 TE Part # 176281-5 UP, FREE HANGING CAP HSG 1POS	 TE Part # 176281-7 UP, FREE HANGING CAP HSG 1POS
 TE Part # 176284-4 AMP UNIVERSAL POWER CAP 4P	 TE Part # 176281-4 UNIV POWER CAP HSG 1P F/H	 TE Part # 178740-1 UP 3.96 CAP HSG PAN-MT NAT	 TE Part # 176291-9 UNIV POWER CAP HSG 18P F/H
 TE Part # 3-1565088-4 GRACE INERTIA CONNECTOR 3.5 6P	 TE Part # 176282-2 AMP UNIVERSAL POWER CAP 2P	 TE Part # 176293-1 UNIV POWER CAP HSG 3P P/MOUNT	 TE Part # 178478-1 AMP UP CAP HSG F/H 4P NATURAL
 TE Part # 176293-2 UNIV POWER CAP HSG 3P P/MOUNT	 TE Part # 176282-4 AMP UNIVERSAL POWER CAP 2P	 TE Part # 176286-1 UNIV POWER CAP HSG 8P F/H	 TE Part # 176287-2 AMP UNIVERSAL POWER CAP 9P





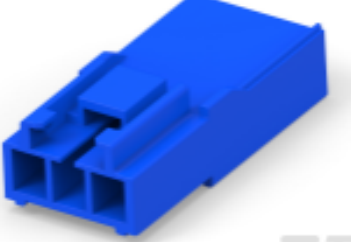
TE Part # 176283-2
AMP UNIVERSAL POWER CAP 3P



TE Part # 176295-1
UNIV POWER CAP HSG 6P P/MOUNT



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

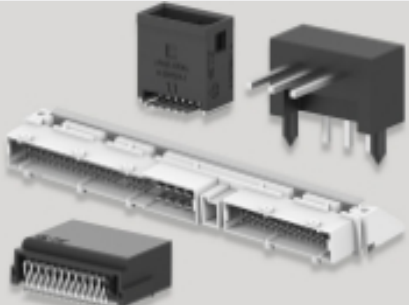


TE Part # 176283-6
AMP UNIVERSAL POWER CAP 3P

Also in the Series | AMP Universal Power



Connector Contacts(22)



PCB Headers & Receptacles(51)



Power Contacts(21)



Rectangular Connector Housings(112)



Rectangular Power Connectors(163)

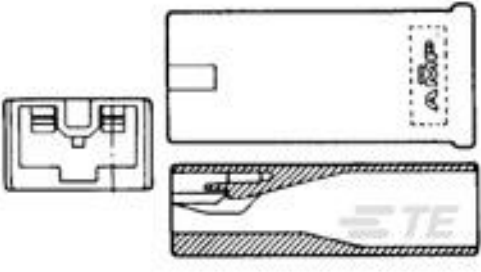


Standard Rectangular Connectors(112)



Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



TE Part #179970-1
250 HSG. PL EX REC.



TE Part #1649222-1
OJE-SS-112DM,801



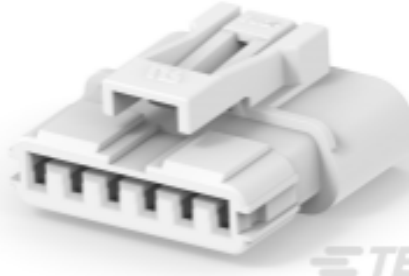
TE Part #2232343-1
250 PL EX FLAG REC. 18-12AWG PTBR



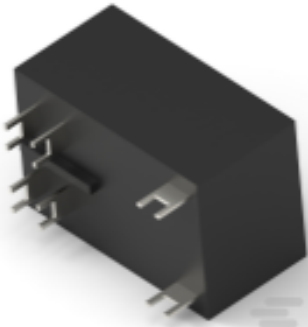
TE Part #2232511-5
3P, RAST 5 TAB HEADER, THV



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

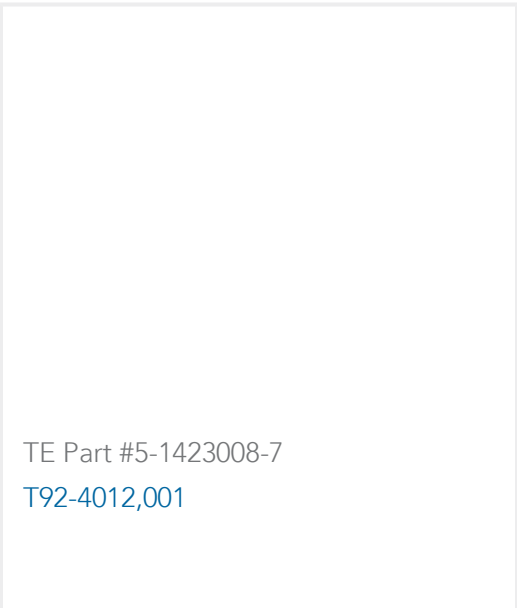


TE Part #2443729-6
PLUG HOUSING SDL2.5 WATERPROOF 6PIN



TE Part #6-1423008-1
T92S7D1X-12-99

TE Part #1-2071223-7
T92S7D12-12-00



Documents

Product Drawings

AMP UNIVE. POWER CONN TAB CONT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175150-2_L_c-175150-2-l.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175150-2_L_c-175150-2-l.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175150-2_L_c-175150-2-l.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

Crimping of AMP Lattice Contact

English

Application Specification

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

[Agency Approvals](#)

[UL Report](#)

English