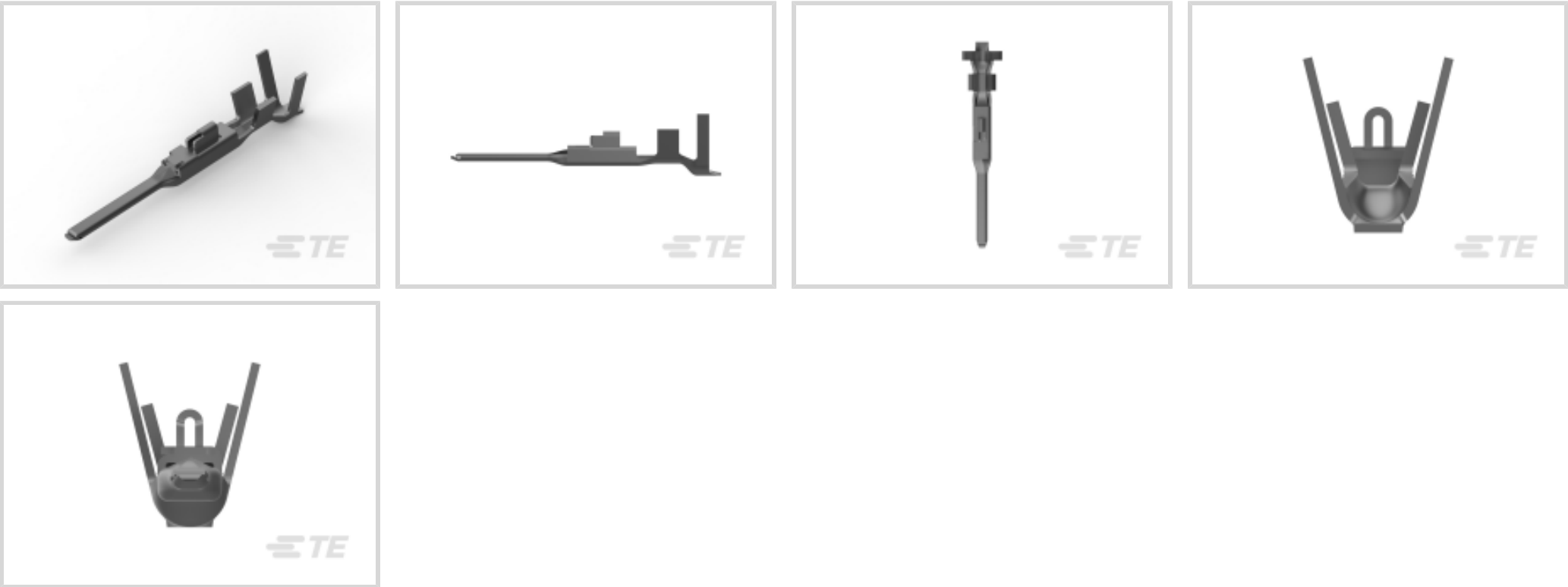




Connectors > Contacts > Connector Contacts



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
-------------------	-----------------

Contact Features

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
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.64 mm[.023 in]
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

Dimensions

Wire Size	.5 – 1.42 mm²
Compatible Insulation Diameter Range	1.7 – 3.3 mm[.067 – .13 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
---------------------	-------

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

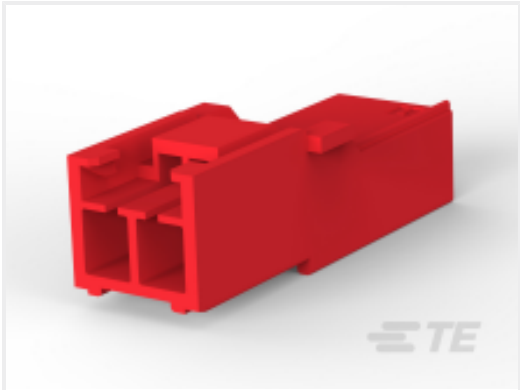
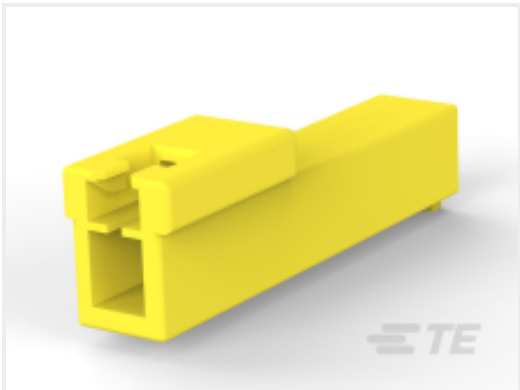
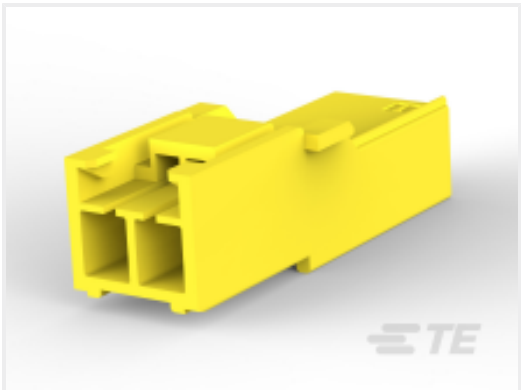
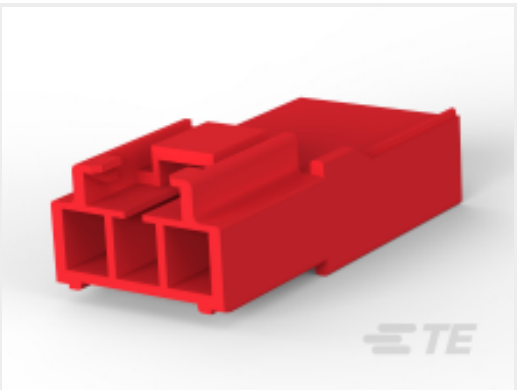
Product Compliance Disclaimer

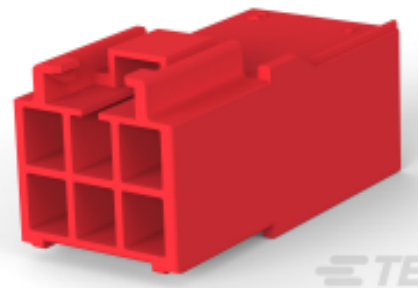
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 176285-9 AMP UNIVERSAL POWER CAP 6P	 TE Part # 176292-9 UNIV POWER CAP HSG 2P P/MOUNT	 TE Part # 3-1565088-4 GRACE INERTIA CONNECTOR 3.5 6P	 TE Part # 176286-1 UNIV POWER CAP HSG 8P F/H
 TE Part # 176287-2 AMP UNIVERSAL POWER CAP 9P	 TE Part # 176293-2 UNIV POWER CAP HSG 3P P/MOUNT	 TE Part # 178478-1 AMP UP CAP HSG F/H 4P NATURAL	 TE Part # 176291-9 UNIV POWER CAP HSG 18P F/H
 TE Part # 176282-2 AMP UNIVERSAL POWER CAP 2P	 TE Part # 178740-1 UP 3.96 CAP HSG PAN-MT NAT	 TE Part # 176293-1 UNIV POWER CAP HSG 3P P/MOUNT	 TE Part # 176284-4 AMP UNIVERSAL POWER CAP 4P
 TE Part # 176281-4 UNIV POWER CAP HSG 1P F/H	 TE Part # 176282-4 AMP UNIVERSAL POWER CAP 2P	 TE Part # 176295-1 UNIV POWER CAP HSG 6P P/MOUNT	 TE Part # 176283-2 AMP UNIVERSAL POWER CAP 3P



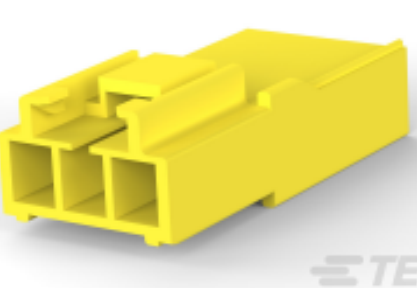
TE Part # 176285-2
AMP UNIVERSAL POWER CAP 6P



TE Part # 176296-1
UNIV POWER CAP HSG 8P PANEL MT



TE Part # 176291-1
UNIV POWER CAP HSG 18P F/H



TE Part # 176283-4
AMP UNIVERSAL POWER CAP 3P

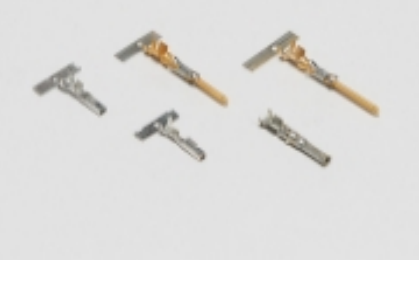
Also in the Series | AMP Universal Power



Connector Contacts(22)



PCB Headers & Receptacles(51)



Power Contacts(21)



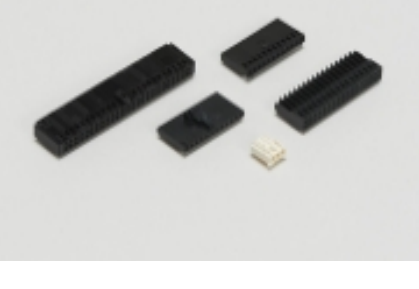
Rectangular Connector Housings(112)



Rectangular Power Connectors(163)



Standard Rectangular Connectors(112)



Wire-to-Board Connector Assemblies & Housings(13)

Customers Also Bought



TE Part #202817-000
381A302-71/86-0



TE Part #YDIV40E11-35PNC009
RECP ASSY



TE Part #1-175218-5
DYNAMIC D-3 REC CONT. L PRE-TIN L/P



TE Part #176271-1
AMP UNIVERSAL POWER PLUG 2P



TE Part #176275-1
UNIV POWER PLUG HSG 8P F/H



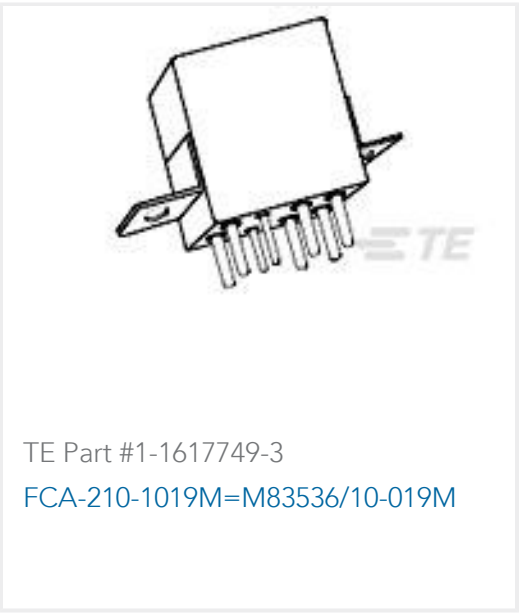
TE Part #176282-1
AMP UNIVERSAL POWER CAP 2P



TE Part #2-178129-6
6-P DYNAMIC PLUG-H D3200 5.08



TE Part #1-1318119-3
DYNAMIC D-2100 REC HSG 6P



Documents

Product Drawings

U/P TAB CONT L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175154-2_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175154-2_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175154-2_L.3d_stp.zip

English

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

Product Specifications

Crimping of Universal Power Contact

English

Product Specification

Japanese

AMP Universal Power Connector

Japanese

Instruction Sheets

Extraction Tool for UP(913923-1)

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](#)

[TUV Certificate](#)

English