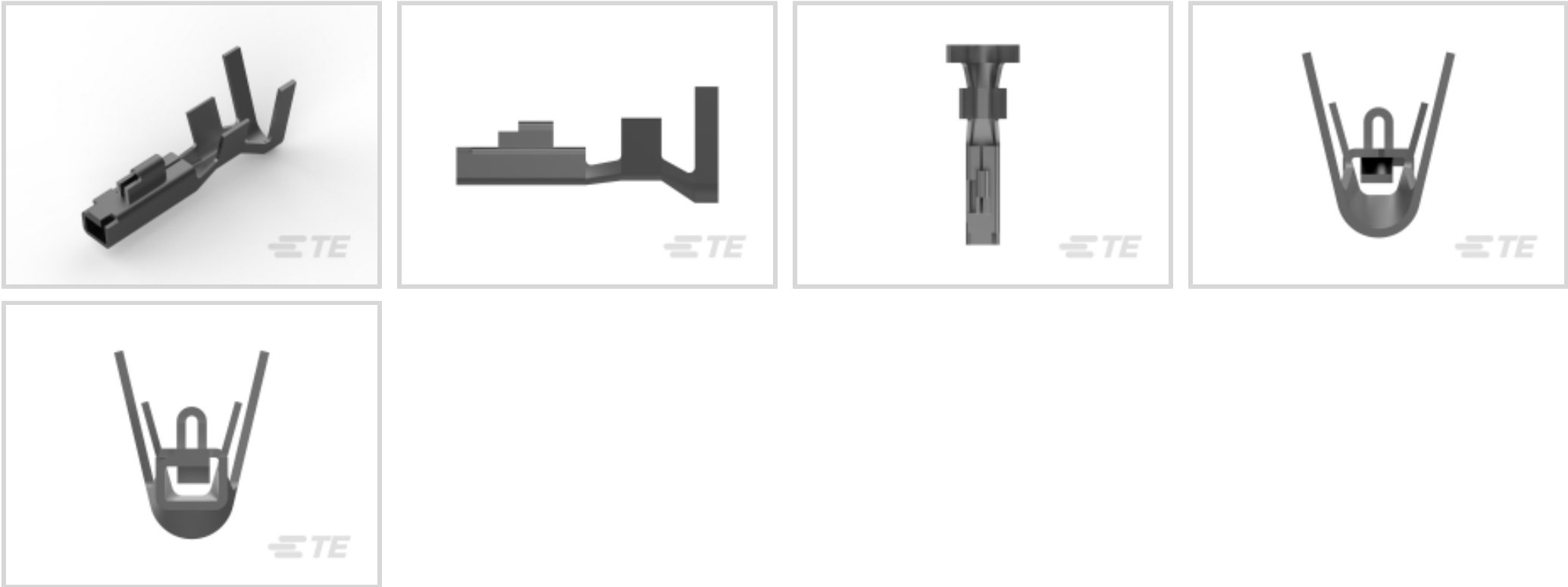




Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
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

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	50 VAC, 300 VAC
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Contact Features

Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	12 A
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.64 mm[.025 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

Contact Retention Type Within Housing	Locking Lance
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]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

Product Compliance

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

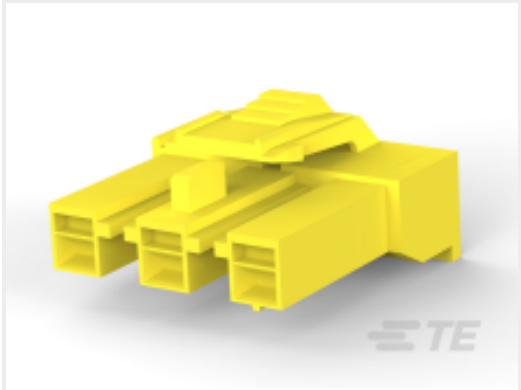
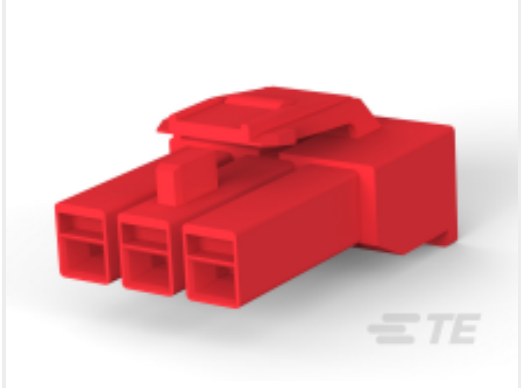
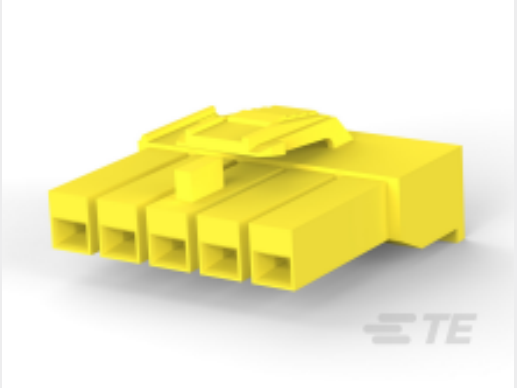
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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



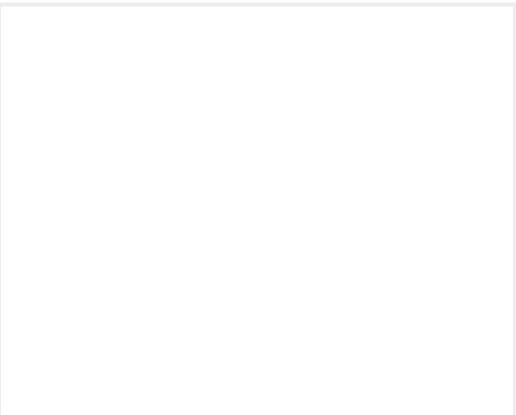
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

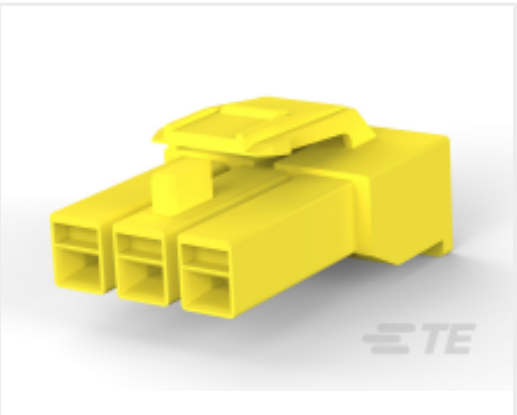
 TE Part # 178483-4 UP 3.96 6P PLUG HSG YELLOW	 TE Part # 176276-2 AMP UNIVERSAL POWER PLUG 9P	 TE Part # 176275-4 UNIV POWER PLUG HSG 8P F/H	 TE Part # 3-178842-1 AMP U/P SGL ROW PLUG HSG 3P
 TE Part # 176272-6 AMP UNIVERSAL POWER PLUG 3P	 TE Part # 3-178842-4 AMP U/P SGL ROW PLUG HSG 3P	 TE Part # 176278-9 UNIV POWER PLUG HSG 12P F/H	 TE Part # 176274-2 AMP UNIVERSAL POWER PLUG 6P
 TE Part # 176272-1 AMP UNIVERSAL POWER PLUG 3P	 TE Part # 176275-1 UNIV POWER PLUG HSG 8P F/H	 TE Part # 176279-9 UNIV POWER PLUG HSG 15P F/H	 TE Part # 176280-1 UNIV POWER PLUG HSG 18P F/H
 TE Part # 176274-4 AMP UNIVERSAL POWER PLUG 6P	 TE Part # 176272-2 AMP UNIVERSAL POWER PLUG 3P	 TE Part # 913923-1 EXTRACTON TOOL FOR 175150	 TE Part # 178482-4 UP 3.96 5P PLUG HSG YELLOW



TE Part # 176273-2
AMP UNIVERESAL POWER PLUG 4P



TE Part # 1213783-1
CCII UNVRLS POWER CON REC 26-16 ASSY



TE Part # 176272-4
AMP UNIVERSAL POWER PLUG 3P



TE Part # 176270-1
UNIV POWER PLUG HSG 1P F/H

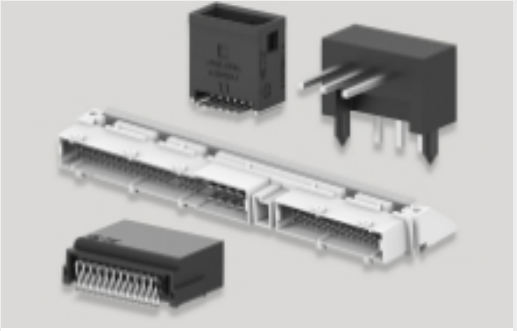
Also in the Series | AMP Universal Power



Connector Contacts(22)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(51)



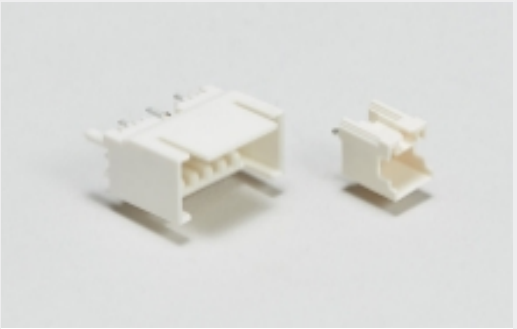
Power Contacts(21)



Rectangular Power Connectors(163)



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



Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



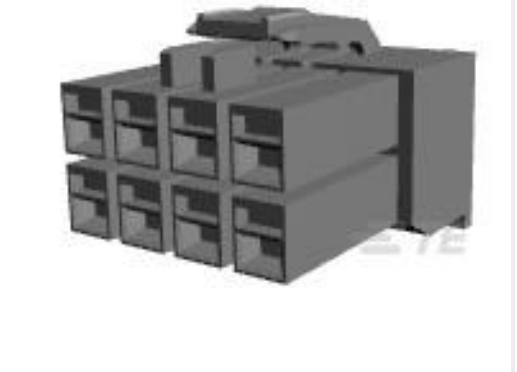
TE Part #T4132012051-000
M12,FRONT MOUNT,MALE,A,5P, SOLDER WIRE



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



TE Part #176272-1
AMP UNIVERSAL POWER PLUG 3P



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



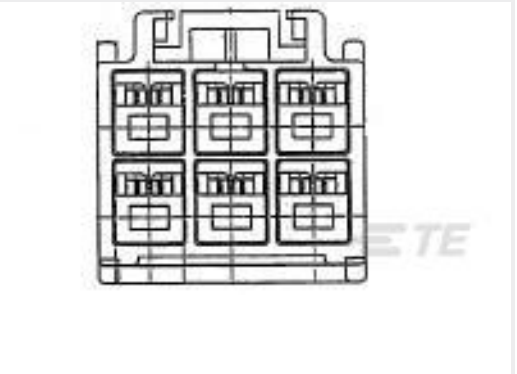
TE Part #176277-1
UNIV POWER PLUG HSG 10P F/H



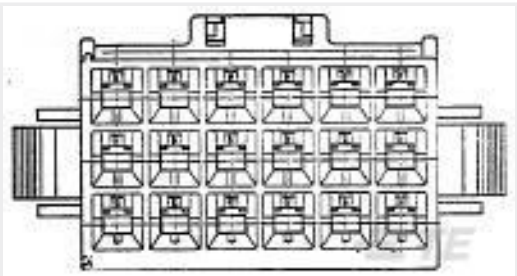
TE Part #176279-1
UNIV POWER PLUG HSG 15P F/H



TE Part #176283-1
AMP UNIVERSA POWR CAP 3P



TE Part #176285-1
AMP UNIVERSAL POWER CAP 6P



TE Part #176301-1
UNVI POWER CAP HSG 18P PNL MTG



TE Part #3-641534-4
04P MTA100 CONN ASSY 22AWG

Documents

Product Drawings

UNIV POWER REC CONT L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175156-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175156-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175156-1_R.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

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](#)

[TUV Certificate](#)

English