175153-2 ✔ ACTIVE

AMP Universal Power

TE Internal #: 175153-2

Tin (Sn), Tab Contact, 26 – 22 AWG, 300 VAC / 50 VAC, .12 – .35 mm² Wire, Crimp, Brass, Power, -30 – 105 °C [-22 – 221 °F], AMP Universal Power

View on TE.com >

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	.12 – .35 mm²
Compatible Insulation Diameter Range	1.2 – 2 mm[.047 – .079 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>

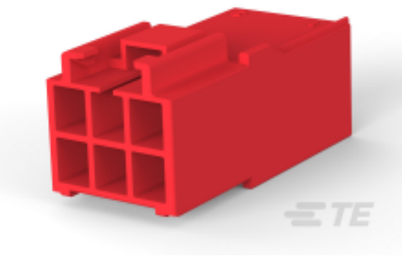
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does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

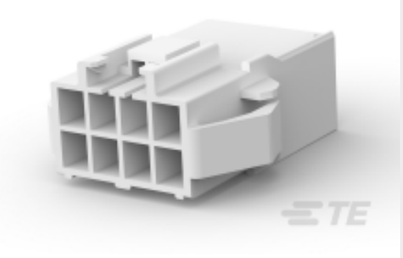
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

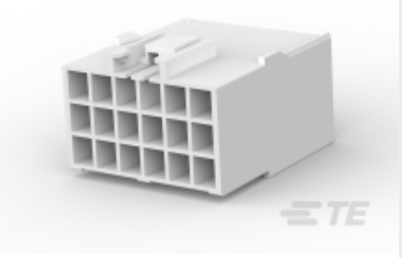
Compatible Parts



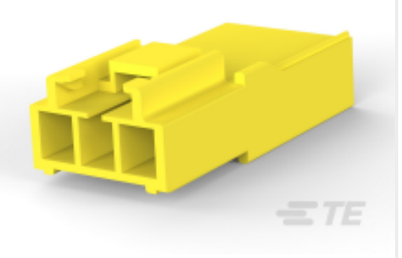
TE Part # 176285-2
AMP UNIVERSAL POWER CAP 6P



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



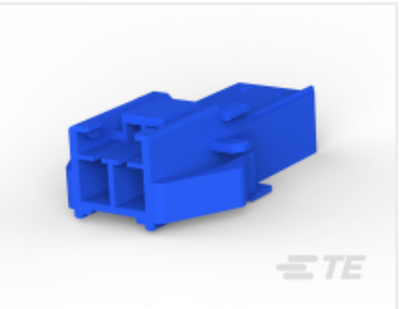
TE Part # 176281-1
UNIV POWER CAP HSG 1P F/H



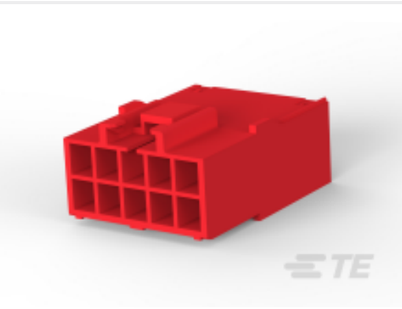
TE Part # 176299-1
UNVI POWER CAP HSG 12P PNL MTG



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



TE Part # 176292-6
UNIV POWER CAP HSG 2P P/MOUNT



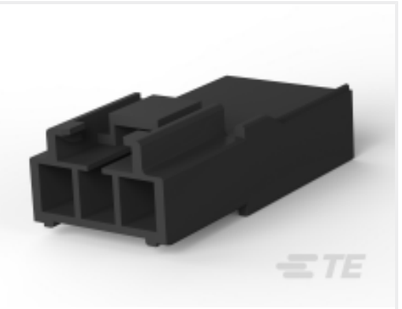
TE Part # 176288-2
UNIV POWER CAP HSG 10P F/H



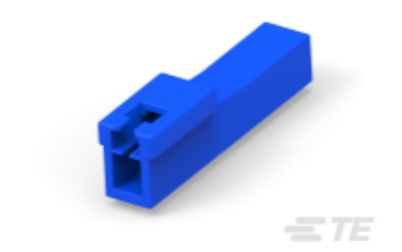
TE Part # 176294-1
UNIV POWER CAP HSG 4P P/MOUNT



TE Part # 176287-4
AMP UNIVERSAL POWER CAP 9P



TE Part # 176283-9
AMP UNIVERSAL POWER CAP 3P



TE Part # 176281-6
UNIV POWER CAP HSG 1P F/H



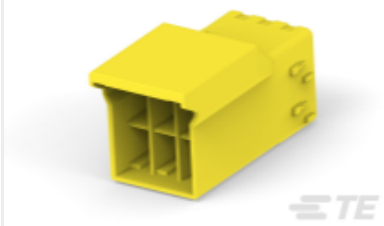
TE Part # 913923-1
EXTRACTON TOOL FOR 175150



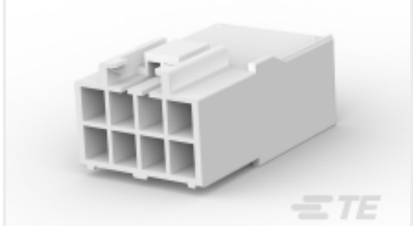
TE Part # 176285-9
AMP UNIVERSAL POWER CAP 6P



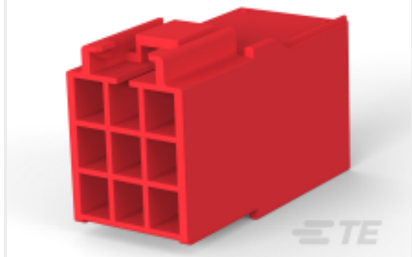
TE Part # 176292-9
UNIV POWER CAP HSG 2P P/MOUNT



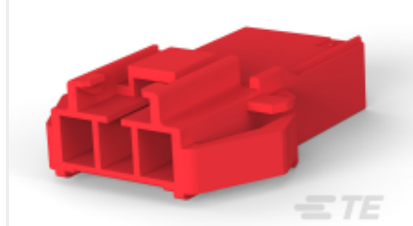
TE Part # 3-1565088-4
GRACE INERTIA CONNECTOR 3.5 6P



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

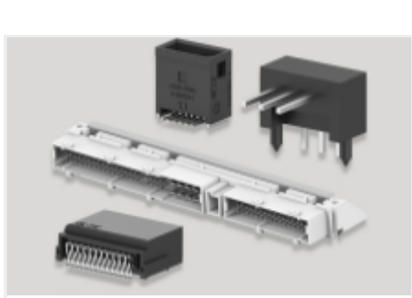
Also in the Series | AMP Universal Power



Connector Contacts(22)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(51)



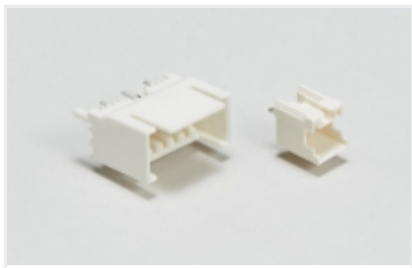
Power Contacts(21)



Rectangular Power Connectors(163)



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



Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



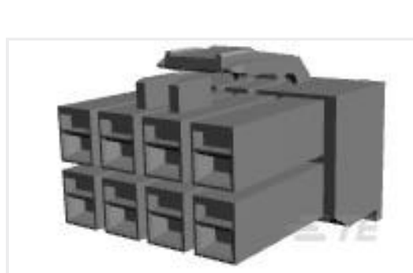
TE Part #1-175218-5
DYNAMIC D-3 REC CONT. L PRE-TIN L/P



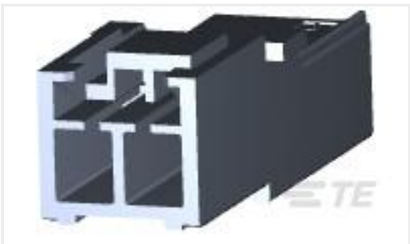
TE Part #176271-1
AMP UNIVERSAL POWER PLUG 2P



TE Part #176273-1
AMP UNIVERSAL POWR PLUG 4P



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 #1-179554-3
DYNAMIC D-3200 WTW TAB HSG 6P



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



TE Part #2-1827864-5
DYNAMIC 1200D REC HSG 10P Y BLACK



TE Part #2213800-4
COOLSPLICE NEW STANDARD

Documents

Product Drawings

U/P TAB CONT L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175153-2_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175153-2_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175153-2_P.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