175155-2 ✔ ACTIVE

AMP Universal Power

TE Internal #: 175155-2

Tin (Sn), Receptacle 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: **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

Electrical Characteristics

Operating Voltage	50 VAC, 300 VAC

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	Brass
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

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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 178482-4
UP 3.96 5P PLUG HSG YELLOW



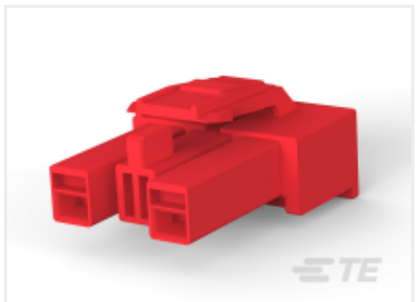
TE Part # 176273-1
AMP UNIVERSAL POWR PLUG 4P



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



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



TE Part # 178125-2
UNIVERSAL POWER PLUG HSG 2P



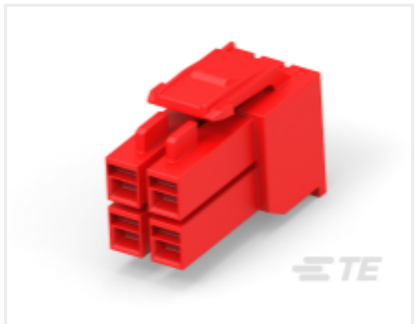
TE Part # 176278-1
UNIV POWER PLUG HSG 12P F/H



TE Part # 176273-9
AMP UNIVERSAL POWER PLUG 4P



TE Part # 178481-1
UP 3.96 4P PLUG HSG NATRL



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

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

TE Part # 9-178842-1
AMP U/P SGL ROW PLUG HSG 9P



TE Part # 176275-4
UNIV POWER PLUG HSG 8P F/H



TE Part # 176276-2
AMP UNIVERSAL POWER PLUG 9P



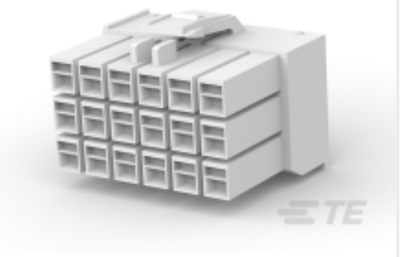
TE Part # 176272-6
AMP UNIVERSAL POWER PLUG 3P



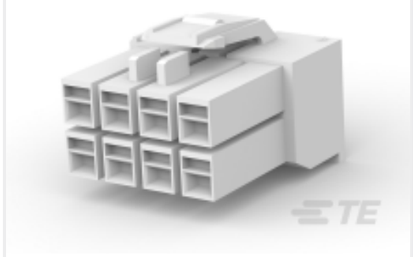
TE Part # 178483-4
UP 3.96 6P PLUG HSG YELLOW



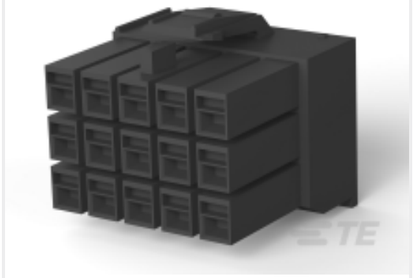
TE Part # 176278-9
UNIV POWER PLUG HSG 12P F/H



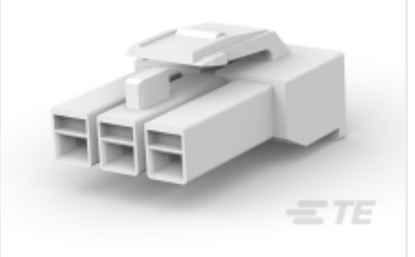
TE Part # 176280-1
UNIV POWER PLUG HSG 18P F/H



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



TE Part # 176279-9
UNIV POWER PLUG HSG 15P F/H

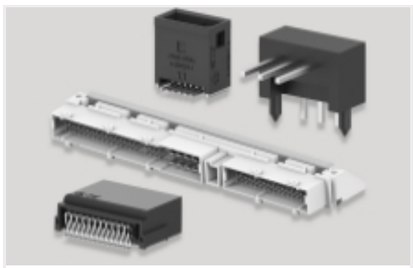


TE Part # 176272-1
AMP UNIVERSAL POWER PLUG 3P

Also in the Series | AMP Universal Power



Connector Contacts(22)



PCB Headers & Receptacles(51)



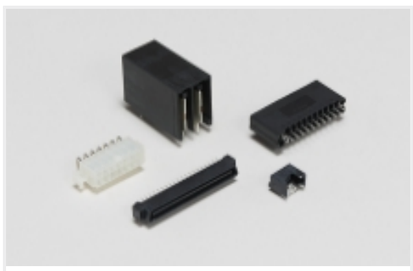
Power Contacts(21)



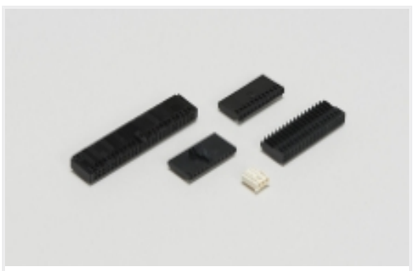
Rectangular Connector Housings(112)



Rectangular Power Connectors(163)



Standard Rectangular Connectors(112)



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

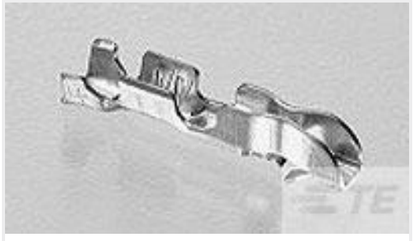
Customers Also Bought



TE Part #166293-1
LP HD20 COSI PIN CONTACT DF; 24-20 AWG



TE Part #170148-1
MATE-N-LOK SOC LP



TE Part #170262-1
EIS CONTACT



TE Part #171822-6
EIS REC. HSG 6P-NATURAL



TE Part #171825-9
9P EIS POST HDR VERTICAL



TE Part #177911-1
POWER DBL LOCK CAP HSG P/M 9P



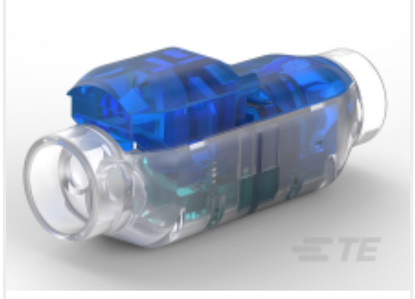
TE Part #1318106-1
DYNAMIC D-2000 REC CONT S



TE Part #1-1393118-4
KUP-14D15-24=KU-



TE Part #1-2040444-3
DYNAMIC 1500T TAB HSG 9PX F/H



TE Part #2213800-4
COOLSPLICE NEW STANDARD

Documents

Product Drawings

U/P REC CONT L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175155-2_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175155-2_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175155-2_T.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