



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1
Number of Power Positions	0
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	300 VAC
-------------------	---------

Body Features

Primary Product Color	Black
-----------------------	-------



Contact Features		
Contact Layout	Inline	
Contact Retention Within Housing	Without	
Contact Type	Receptacle	
Termination Features		
Termination Method to Wire & Cable	Crimp	
Mechanical Attachment		
Strain Relief	Without	
Panel Mount Feature	Without	
Mating Alignment	With	
Mating Alignment Type	Polarization	
Mating Retention	With	
Mating Retention Type	Latch	
Connector Mounting Type	Cable Mount (Free-Hanging)	
Housing Features		
Centerline (Pitch)	3.96 mm[.156 in]	
Housing Material	PA 6/6	
Dimensions		
Connector Height	10.05 mm	
Connector Length	9.06 mm	
Usage Conditions		
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]	
Operation/Application		
Circuit Application	Power & Signal	
Industry Standards		
UL Flammability Rating	UL 94V-0	
Glow Wire Rating	Standard Part - Not Glow Wire	
Packaging Features		
Packaging Quantity	1000	
Packaging Method	Bag	



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 # 176975-4
UNIV POWER HDR ASSY 2P YELLOW



TE Part # 175151-1
AMP UNIVERSAL POWER REC CONT.



TE Part # 175151-5
AMP UNIVERSAL POWER CONN.REC C



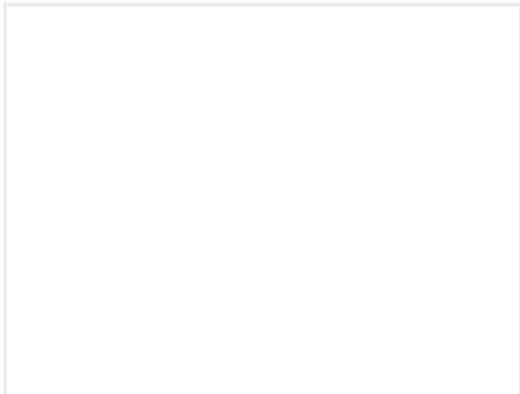
TE Part # 176282-1
AMP UNIVERSAL POWER CAP 2P



TE Part # 175151-2
AMP UNIVE. POWER CONN REC
CONT



TE Part # 176292-1
UNIV POWER CAP HSG 2P P/MOUNT



TE Part # 176973-9
UNIV POWER HDR HSG 2P BLACK



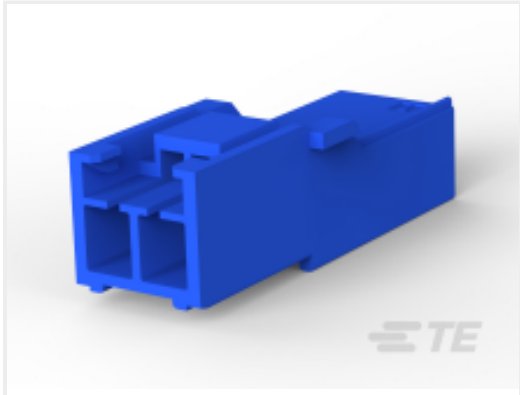
TE Part # 1-176975-9
UNIV POWER HDR ASSY 2P BLACK



TE Part # 178495-9
UP 3.96 2P DIP HDR BLACK



TE Part # 176282-9
AMP UNIVERSAL POWER CAP 2P



TE Part # 176282-6
AMP UNIVERSAL POWER CAP 2P



TE Part # 178495-1
UP 3.96 2P DIP HDR NAT



TE Part # 175152-2
AMP UNIVE. POWER CONN REC
CONT



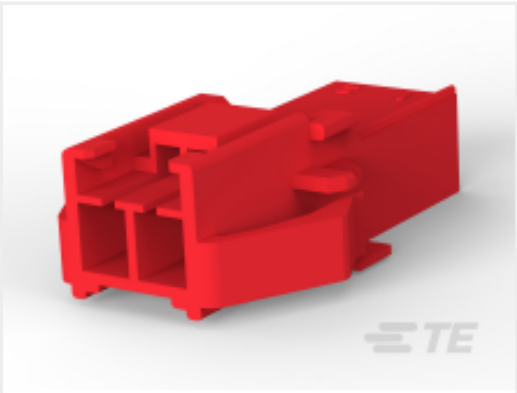
TE Part # 175155-2
U/P REC CONT L/P



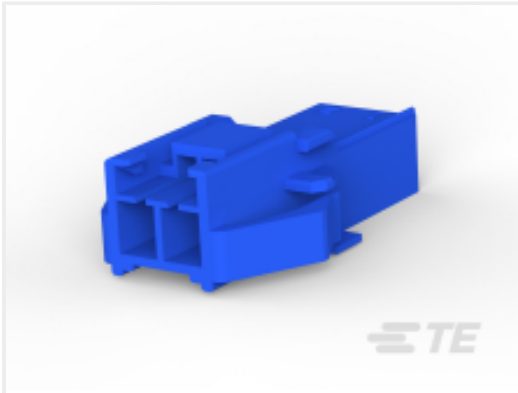
TE Part # 175152-3
UNIV POWER REC CONT



TE Part # 175152-4
UNIVESAL POWER REC CONT #20-16



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



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



TE Part # 175155-1
UNIV POWER REC CONT L/P

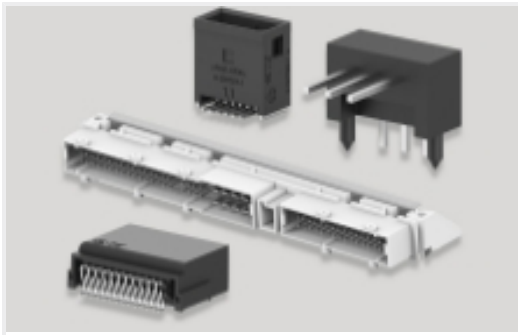


TE Part # 176292-9
UNIV POWER CAP HSG 2P P/MOUNT

Also in the Series | **AMP Universal Power**



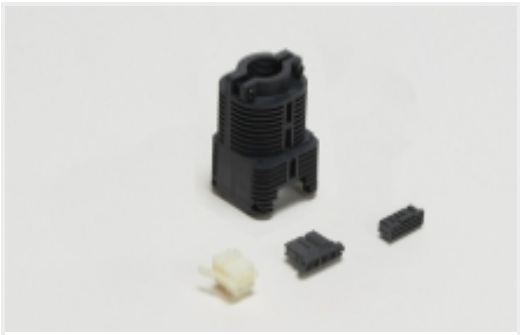
Connector Contacts(22)



PCB Headers & Receptacles(51)



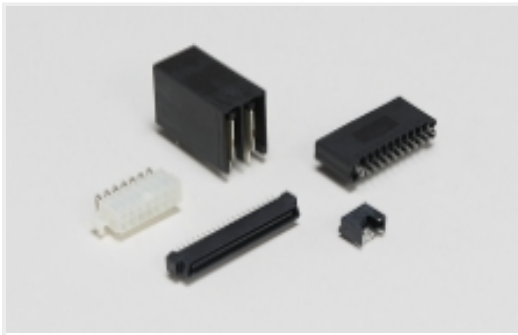
Power Contacts(21)



Rectangular Connector Housings(112)



[Rectangular Power Connectors\(163\)](#)



[Standard Rectangular Connectors\(112\)](#)

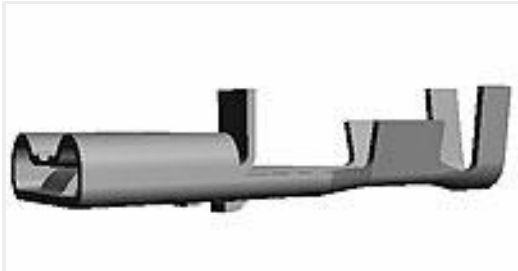


[Wire-to-Board Connector Assemblies & Housings\(13\)](#)

Customers Also Bought



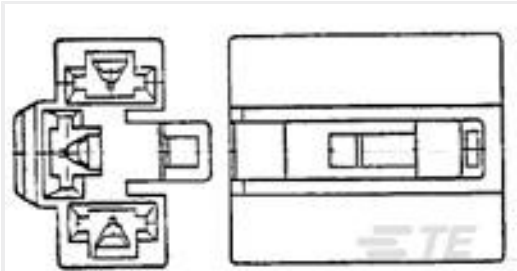
TE Part #170092-4
[FF 250 REC 18-14AWG TPBR REREELING](#)



TE Part #170329-1
[250 PL MKII REC. 15-10AWG PTBR](#)



TE Part #175152-1
[UNIVERSAL POWER REC](#)



TE Part #176774-5
[FF 250 PLUG HSG 3P NYLON NAT](#)



TE Part #1217281-3
[FF 110 REC 24-20AWG BR](#)



TE Part #CAT-G7534A-R2435
[Sig GRACE INERTIA Receptacle](#)



TE Part #1-1747066-6
[GRACE INERTIA CONN 2.5 PLUG HSG 6P RED](#)



TE Part #1871867-1
[GRACE INERTIA 6.2mm PITCH PLUG 3POS](#)



TE Part #1971030-5
[5POS Plug Housing for GIC 2.0 EV Series](#)

Documents

Product Drawings

[AMP UNIVERSAL POWER PLUG 2P](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_176271-9_H.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_176271-9_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_176271-9_H.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

AMP UNIVERSAL POWER CONNECTOR SERIES

English

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English