178482-1 ✔ ACTIVE

AMP Universal Power

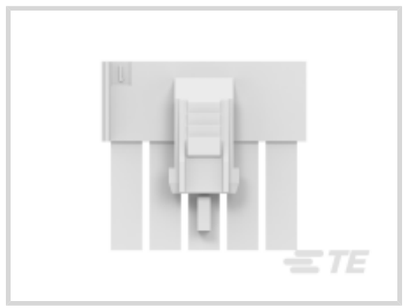
TE Internal #: 178482-1

AMP Universal Power, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 5 Position, 3.96mm [.156in] Centerline, Wire & Cable, UL 94V-0

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **5**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
Insulation Resistance	1000 MΩ

Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy

Contact Current Rating (Max)	7 A
Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Connector Mounting Type	Panel Mount
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Height	9.7 mm[.38 in]
Length	20.94 mm[.67 in]

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 Method	Bag
Packaging Quantity	500

Other

For Use With	Header Assembly

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 175156-2
U/P REC CONT L/P



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



TE Part # 178498-1
UP 3.96 5P TAB HDR NAT TYPE 1



TE Part # 175152-1
UNIVERSAL POWER REC



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



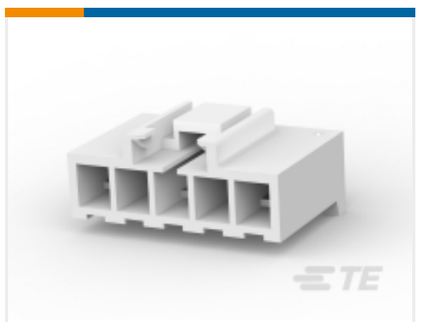
TE Part # 175151-2
AMP UNIVE. POWER CONN REC CONT



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



TE Part # 175156-1
UNIV POWER REC CONT L/P



TE Part # 2-178488-1
UP 7.92 3P TAB HDR NAT TYPE 1



TE Part # 178488-1
UP 3.96 5P TAB HDR NAT TYPE 1



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



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



TE Part # 178479-1
AMP UP CAP HSG F/H 5P NATURAL



TE Part # 3-178498-1
UP 7.92 3P TAB HDR NATL TYPE 1



TE Part # 4-178488-1
AMP U/P SGL ROW HDR ASSY V 4P



TE Part # 175151-4
UNIVESAL POWER REC CONT #26-22



TE Part # 175152-3
UNIV POWER REC CONT



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



TE Part # 2-178488-4
UP 7.92 3P TAB HDR YELLO TYP 1



TE Part # 3-178488-1
UP 7.92 3P TAB HDR NAY TYPE 2

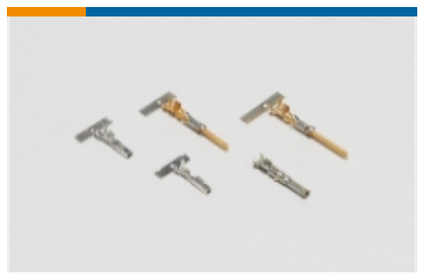
Also in the Series | AMP Universal Power



Connector Contacts(1)



Insertion & Extraction Tools(1)

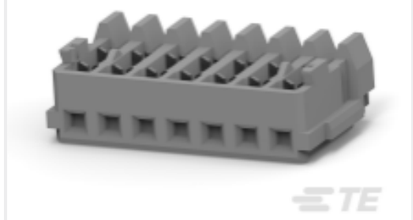


Power Contacts(21)



Rectangular Power Connectors(171)

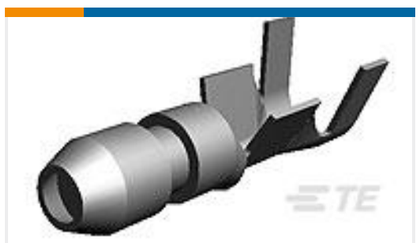
Customers Also Bought



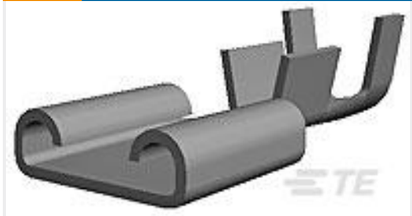
TE Part #1-353908-5
Mini Common Termination (CT) Housings



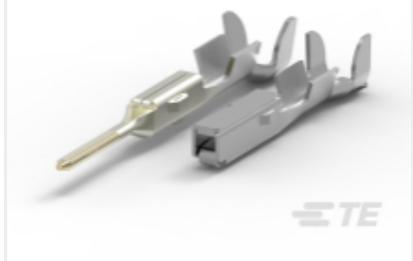
TE Part #170011-8
RING STRIP 18-14 MM2 0.503 X 11.938 TPBR



TE Part #170003-4
SHUR PLUG 196 REC 20-14 MM2 TPBR



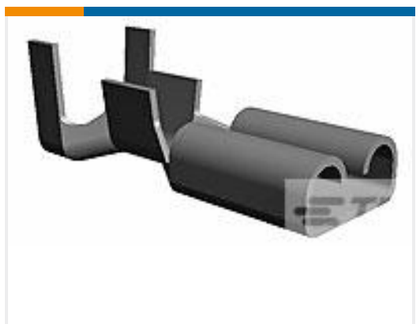
TE Part #170183-1
250 FASTON,REC.,22-18 AWG,BR



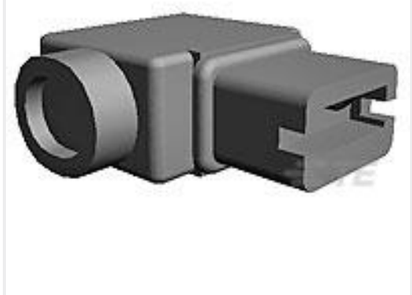
TE Part #1565963-1
MULTILOCK, RECEPTACLE AND TAB



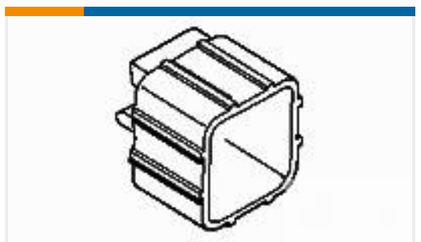
TE Part #170012-2
SHUR PLUG REC 20-16 MM2 0.32 X 13.97 BR



TE Part #170037-2
187 FASTON,REC.,20-16 AWG,TPBR



TE Part #1-178708-1
187 SLEEV PL EX FLAG NAT



TE Part #1-174985-1
E-J MK-2 CAP HSG 8P NATURAL



TE Part #918254-1
INS,CRIMPER

Documents

Product Drawings

UP 3.96 5P PLUG HSG NATRL

English

UP 3.96 5P PLUG HSG NATRL

English

CAD Files

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_178482-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_178482-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_178482-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_178482-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_178482-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_178482-1_O.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

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

AMP UNIVERSAL POWER CONNECTOR SERIES

English

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English