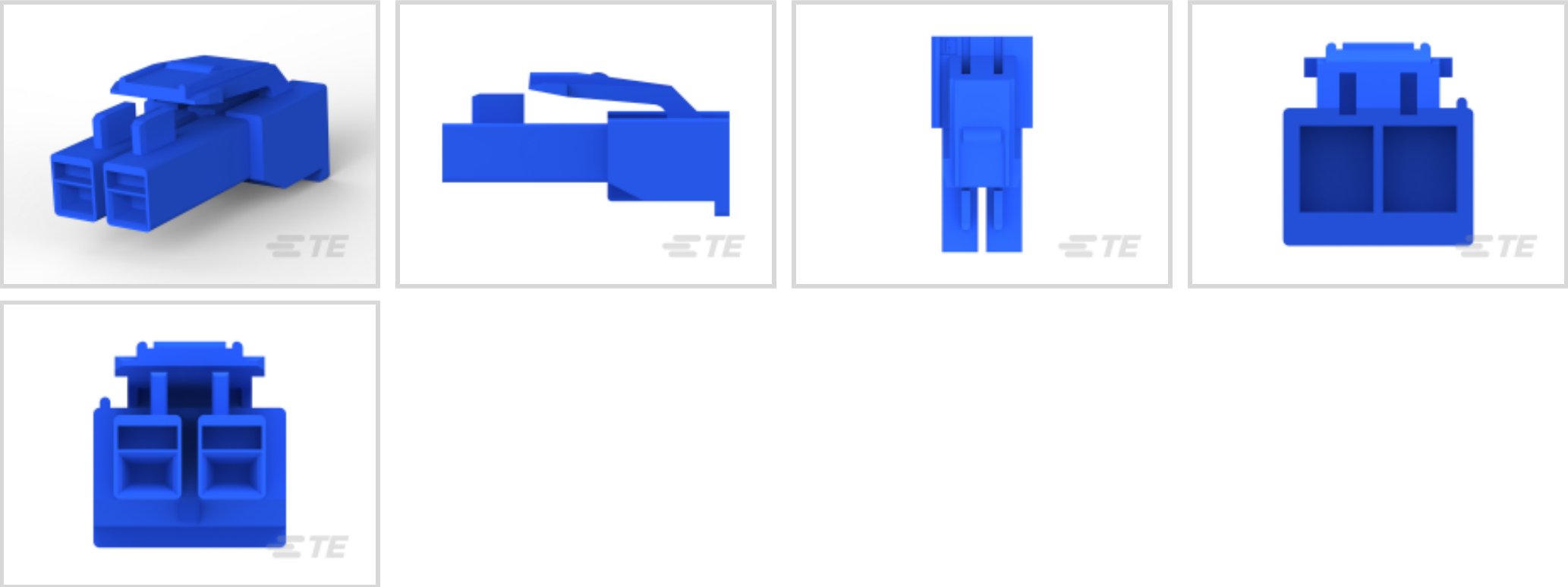




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Blue
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Contact Features

Contact Layout	Inline
Contact Type	Receptacle
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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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

Housing Material	PA 6/6
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Connector Height	10.05 mm
Connector Length	9.06 mm

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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>

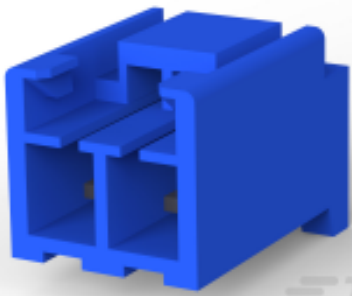
Compatible Parts



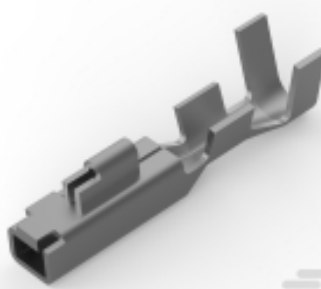
TE Part # 176292-9
UNIV POWER CAP HSG 2P P/MOUNT



TE Part # 175152-1
UNIVERSAL POWER REC



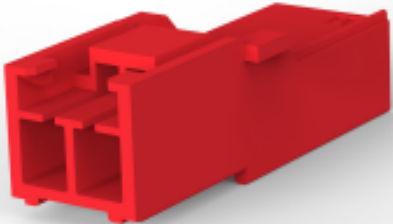
TE Part # 176975-6
UNIV POWER HDR ASSY 2P BLUE



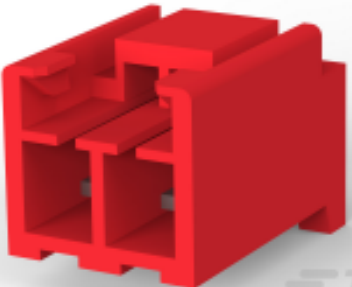
TE Part # 175151-4
UNIVESAL POWER REC CONT #26-22



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



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

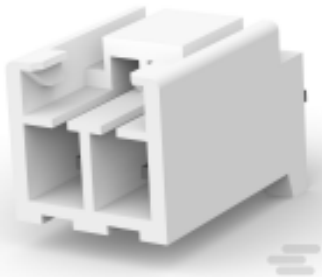


TE Part # 176975-2
UNIV POWER HDR ASSY 2P RED

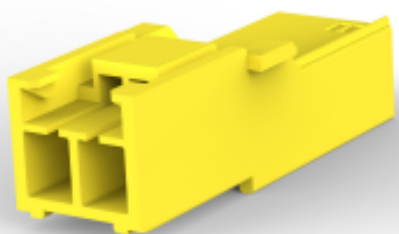


TE Part # 175156-2
U/P REC CONT L/P

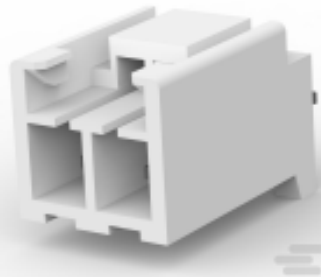




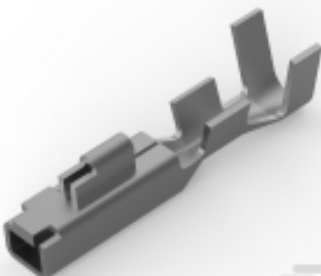
TE Part # 1-176975-1
AMP UNIVERSAL POWER PLG 2P PCB



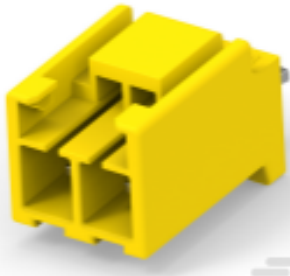
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AMP UNIVERSAL POWER CAP 2P



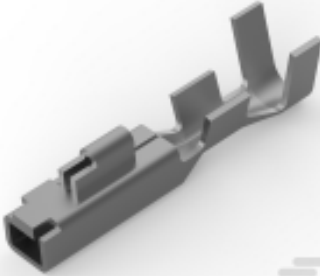
TE Part # 9-176975-1
AMP UNIVERSAL POWER PLG 2P PCB



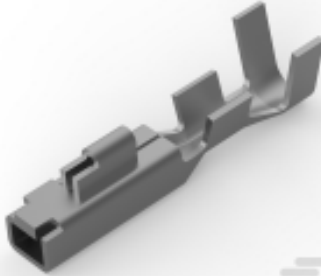
TE Part # 175151-5
AMP UNIVERSAL POWER CONN.REC C



TE Part # 176975-4
UNIV POWER HDR ASSY 2P YELLOW



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



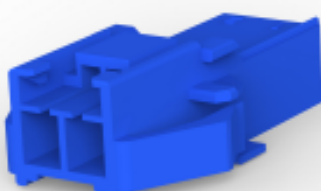
TE Part # 175151-2
AMP UNIVE. POWER CONN REC CONT



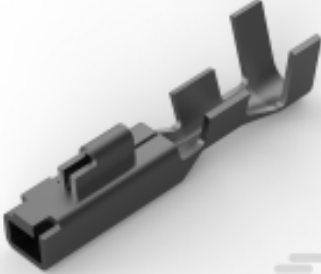
TE Part # 176282-1
AMP UNIVERSAL POWER CAP 2P



TE Part # 176292-1
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 # 176973-6
UNIV POWER HDR HSG 2P BLUE

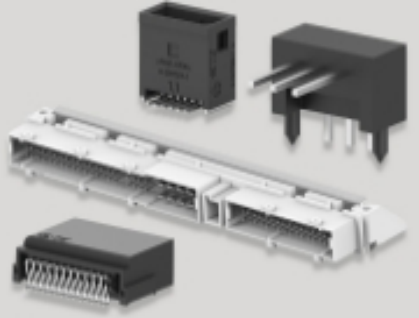
Also in the Series | AMP Universal Power



Connector Contacts(22)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(51)



Power Contacts(21)



Rectangular Connector Housings(112)



Rectangular Power Connectors(163)



Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



TE Part #175178-1
PL EX 250 REC TERMINAL-FLAG 12-10 PTPB



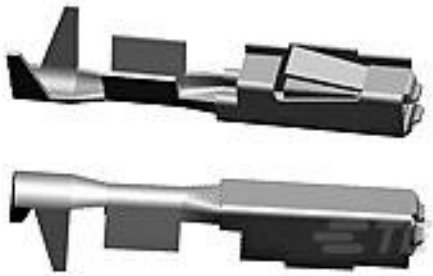
TE Part #1-917809-2
DYNAMIC D-5 TAB HSG D/R 4P X-X



TE Part #2371584-2
OCEAN_2.0_APPLICATOR-S-033F033F-SSA



TE Part #175150-1
UNIVERSAL POWER CONN TAB



TE Part #5-928999-6
MQS0,63 Ag rec LL unseal. >0,2-0,35



TE Part #913699-3
BLADE SHEAR



TE Part #914411-1
PLATE,FRONT SHEAR



TE Part #908918-5
PLATE SHEAR



TE Part #914411-3
PLATE,SHEAR FRONT



TE Part #1418779-1
6POS MQS REC COD A

Documents

Product Drawings

AMP UNIVERSAL POWER PLUG 2P

English

CAD Files

Customer View Model

ENG_CVM_CVM_176271-6_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_176271-6_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_176271-6_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