



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-Board, 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

Insulation Resistance	1000 MΩ
Operating Voltage	300 VAC

Body Features



Primary Product Color	Black
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Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Type	Receptacle
Contact Retention Within Housing	Without
Contact Current Rating (Max)	7 A

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	Nylon 6/6
Centerline (Pitch)	7.92 mm[.312 in]

Dimensions

Connector Height	7 mm[.28 in]
Connector Length	19.3 mm[.76 in]

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

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Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

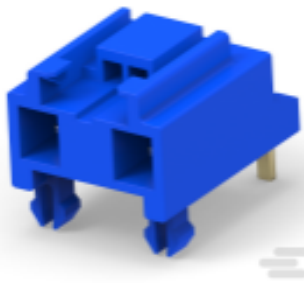
[For compliance documentation, visit the product page on TE.com>](#)

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

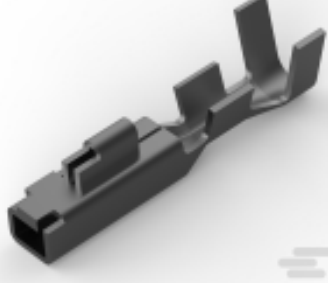
Product Compliance Disclaimer

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>

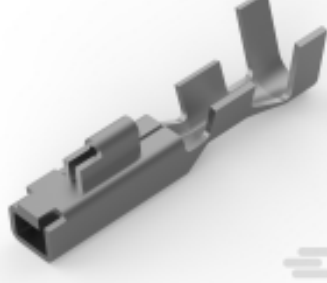
Compatible Parts



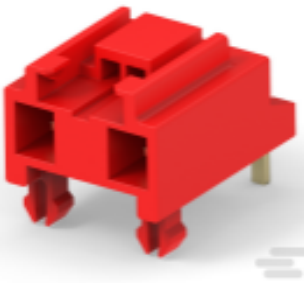
TE Part # 2-178496-6
UNIV. POWER HDR H ASSY 2P BLUE



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



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



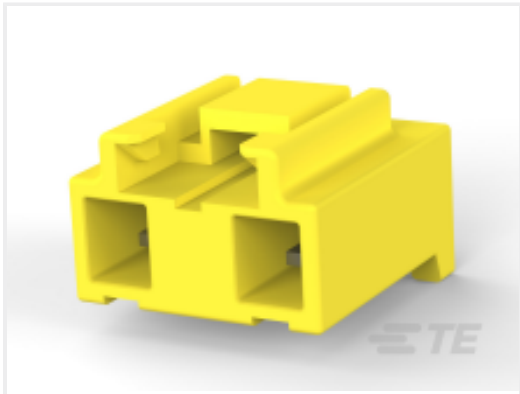
TE Part # 2-178496-2
UNIV. POWER HDR H ASSY 2P RED



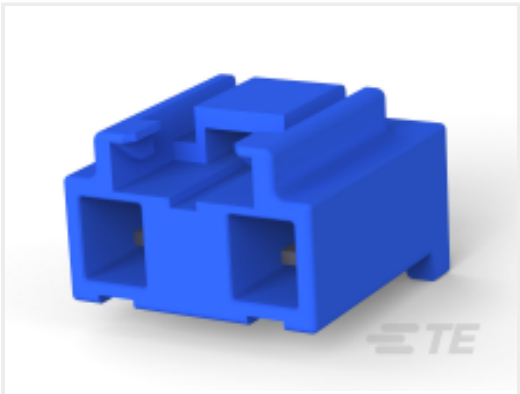
TE Part # 175151-1
AMP UNIVERSAL POWER REC CONT.



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



TE Part # 3-176976-4
UNIV. POWER HDR ASSY 3P



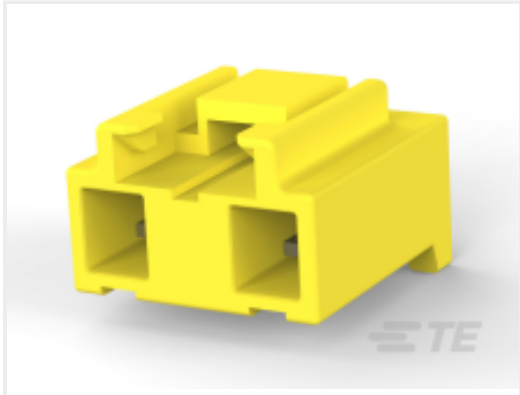
TE Part # 3-176976-6
UNIV POWER HDR ASSY 3P BLUE



TE Part # 175152-1
UNIVERSAL POWER REC



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



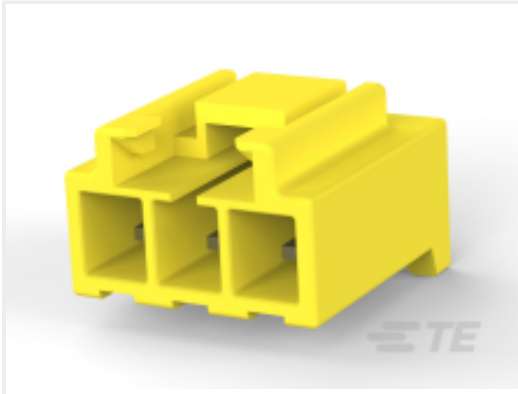
TE Part # 6-176976-4
UNIV POWER HDR ASSY 3P YELLOW



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



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



TE Part # 176976-4
UNIV POWER HDR ASSY 3P YELLOW



TE Part # 6-176976-1
AMP UNIVERSAL POWER PLG 2C PCB



TE Part # 175152-3
UNIV POWER REC CONT



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



TE Part # 178601-4
UNIV. POWER HDR H ASSY 2P YEL.



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

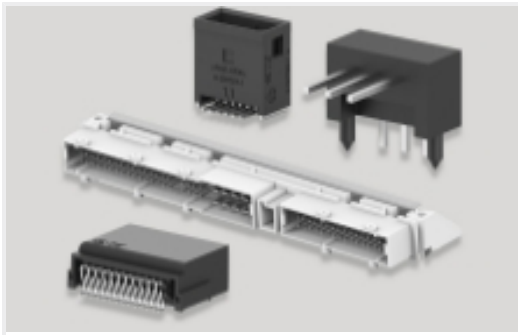


TE Part # 5-176976-1
AMP UNIVERSAL POWER PLG 3C PCB

Also in the Series | AMP Universal Power



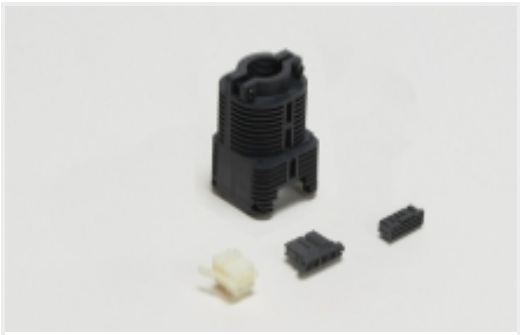
Connector Contacts(22)



PCB Headers & Receptacles(51)



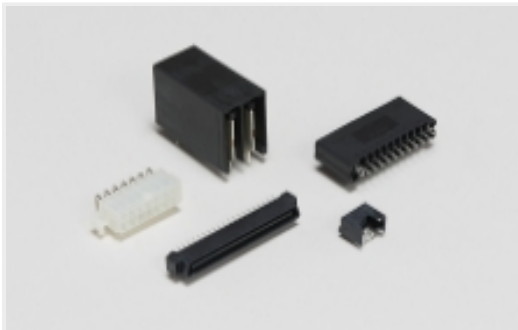
Power Contacts(21)



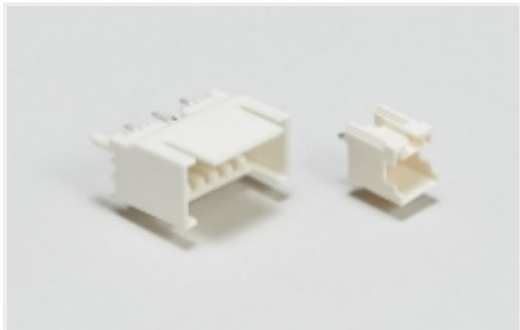
Rectangular Connector Housings(112)



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



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



[Wire-to-Board Headers & Receptacles \(51\)](#)

Customers Also Bought



TE Part #206043-1
[RECEPT, SZ 17-14 CPC](#)

Documents

Product Drawings

[UNIVERSAL POWER PLUG HSG 2P](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_178125-9_G.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_178125-9_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_178125-9_G.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

UL Report

English