178125-9 ✔ ACTIVE

AMP Universal Power

TE Internal #: 178125-9

2 Position, Plug, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-0, 7.92 mm [.312 in] Centerline, 1 Row, 300 VAC, AMP Universal Power

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Connector & Housing Type: **Plug**

Mating Retention Type: **Latch**

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

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	300 VAC

Body Features

Primary Product Color	Black

Contact Features

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

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 Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

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]

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

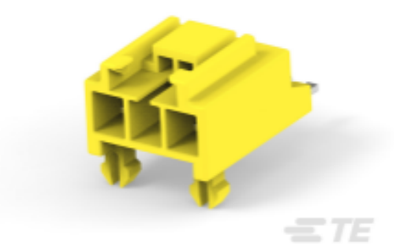
For compliance documentation, visit the product page on TE.com>

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

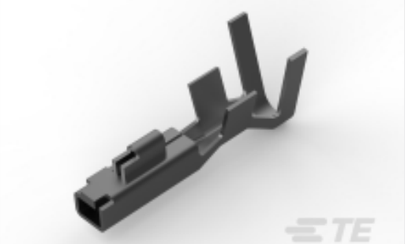
Compatible Parts



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



TE Part # 175152-3
UNIV POWER REC CONT



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



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



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



TE Part # 2-178496-1
UNIV. POWER HDR H ASSY 2P NAT.



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



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

TE Part # 2-178496-4
UNIV. POWER HDR H ASSY 2P YEL.

TE Part # 3-176976-1
AMP UNIVERSAL POWER PLG 2C PCB

TE Part # 3-176976-2
UNIV POWER HDR ASSY 3P RED

TE Part # 3-176976-9
UNIV POWER HDR ASSY 3P BLACK



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

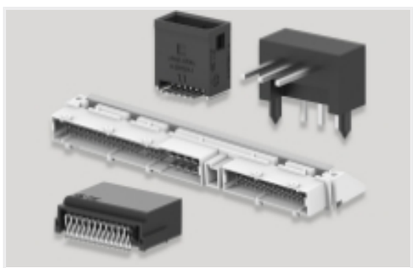
TE Part # 2-178496-6
UNIV. POWER HDR H ASSY 2P BLUE

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

Also in the Series | AMP Universal Power



Connector Contacts(22)



PCB Headers & Receptacles(51)



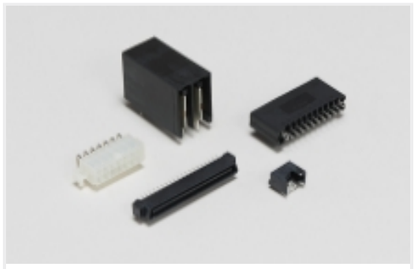
Power Contacts(21)



Rectangular Connector Housings(112)



Rectangular Power Connectors(163)



Standard Rectangular Connectors(112)



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

Customers Also Bought



TE Part #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