178125-4 ✔ ACTIVE

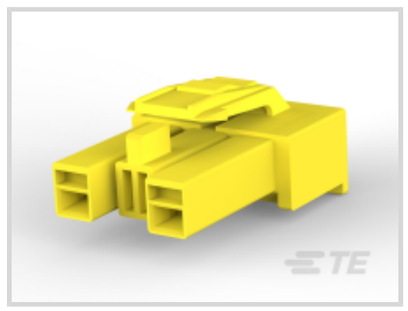
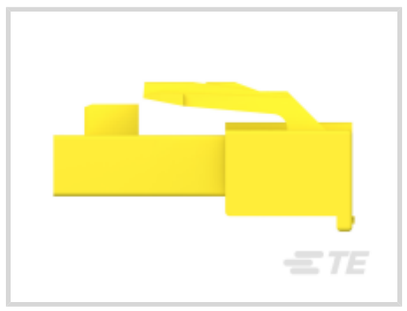
AMP Universal Power

TE Internal #: 178125-4

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	Yellow

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



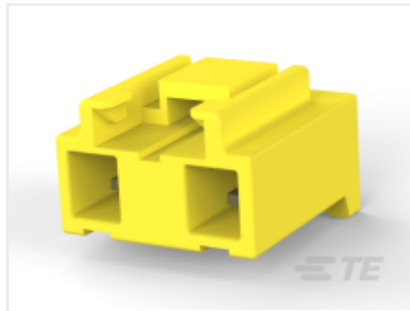
TE Part # 175151-4
UNIVESAL POWER REC CONT #26-22



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



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



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

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



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



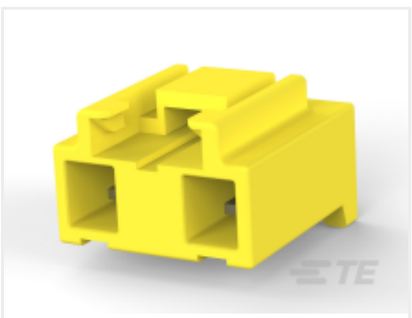
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U/P REC CONT L/P



TE Part # 175152-1
UNIVERSAL POWER REC



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



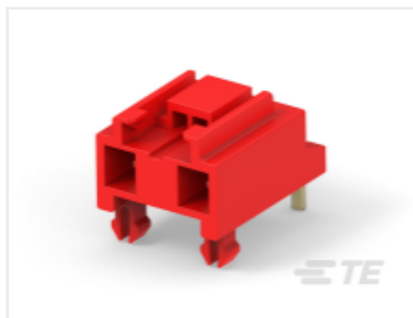
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UNIV.POWER HDR ASSY 3P



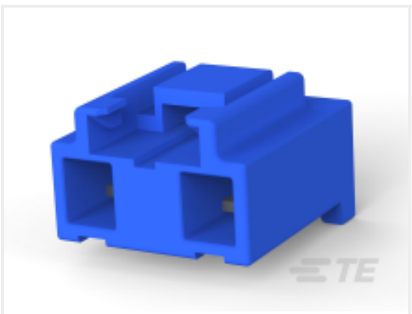
TE Part # 175151-5
AMP UNIVERSAL POWER CONN.REC C



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



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



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



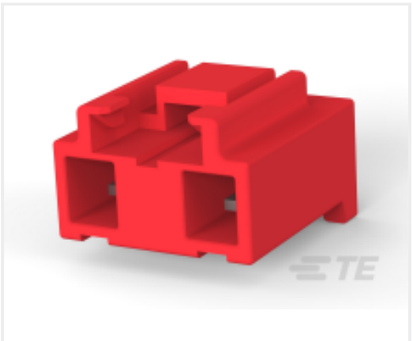
TE Part # 178601-4
UNIV. POWER HDR H ASSY 2P YEL.



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



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



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



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



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



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

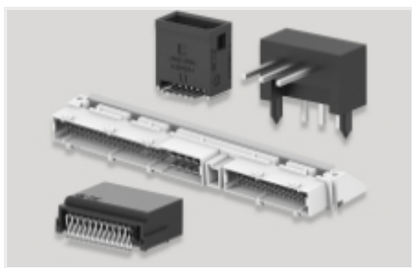
Also in the Series | AMP Universal Power



Connector Contacts(22)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(51)



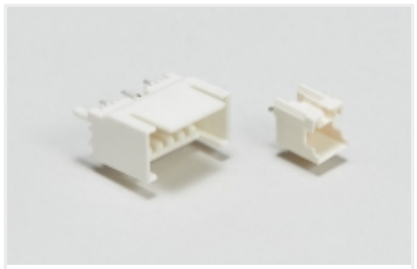
Power Contacts(21)



Rectangular Power Connectors(163)



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



Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



TE Part #41802
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #175152-1
UNIVERSAL POWER REC



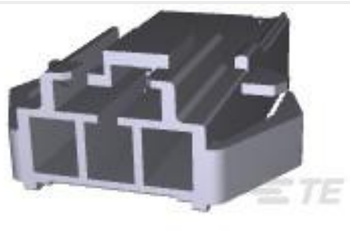
TE Part #175152-2
AMP UNIVE. POWER CONN REC CONT



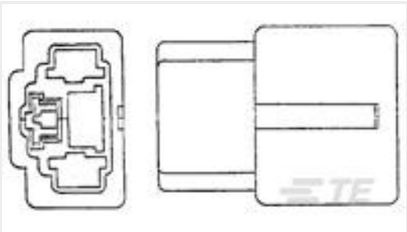
TE Part #175286-3
DYNAMIC D-3 TAB CONT. L PdNi & AU 0.76



TE Part #176271-1
AMP UNIVERSAL POWER PLUG 2P



TE Part #176293-1
UNIV POWER CAP HSG 3P P/MOUNT



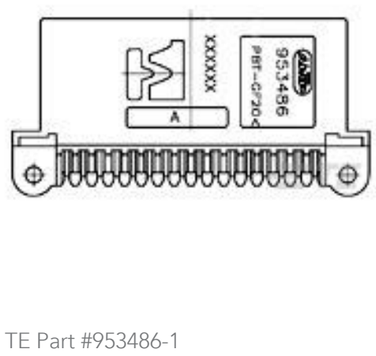
TE Part #176773-5
FF 250 CAP HSG 3P NYLON NAT



TE Part #3-178127-6
DYNAMIC D3100 REC HSG 6P (DBL)



TE Part #3-794619-6
06P MICRO MNL ASSY,R/A,HDR LF



TE Part #953486-1
32pos MQS .63 header 90deg

Documents

Product Drawings

U/POWER PLUG HSG 2P 7.29MM

English

CAD Files

Customer View Model

ENG_CVM_CVM_178125-4_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_178125-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_178125-4_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