176293-4 ✔ ACTIVE

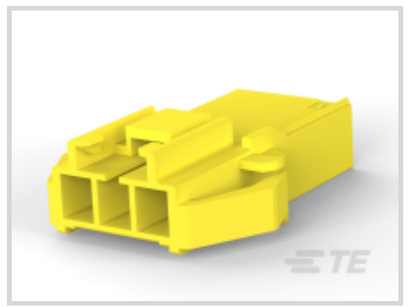
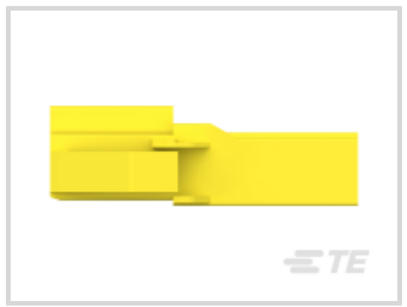
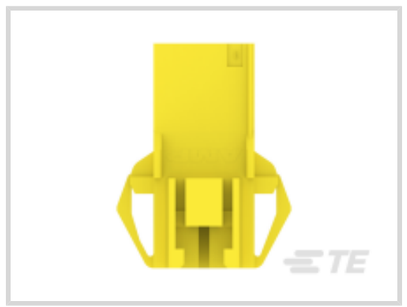
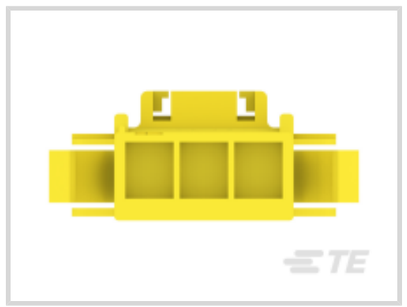
AMP Universal Power

TE Internal #: 176293-4

Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 3 Position, 3.96 mm [.156 in] Centerline, AMP Universal Power, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors


Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **3**

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

Features

Dimensions

Product Length	29 mm[1.14 in]
Connector Height	8.9 mm[.35 in]

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	300 VAC

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	With
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With

Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Panel Mount

Contact Features

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

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Termination Features

Termination Method to Wire & Cable	Crimp

Housing Features

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

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

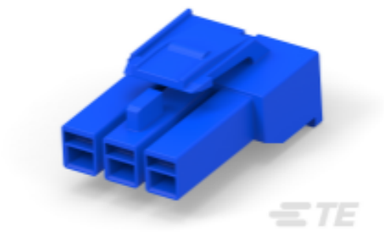
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Melamine (3% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

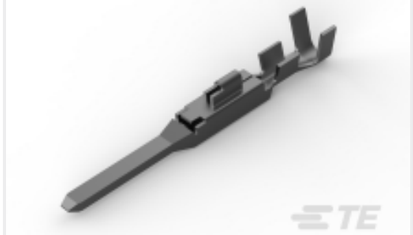
Product Compliance Disclaimer

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



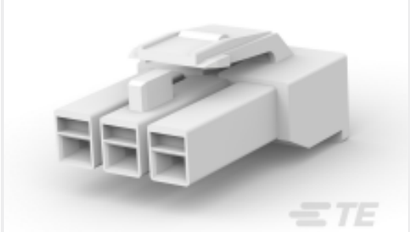
TE Part # 176272-6
AMP UNIVERSAL POWER PLUG 3P



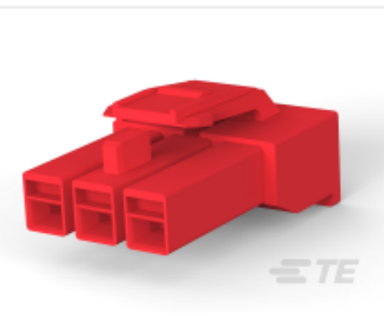
TE Part # 175153-1
UNIV POWER TAB CONT L/P



TE Part # 175154-1
UNIV POWER TAB CONT L/P



TE Part # 176272-1
AMP UNIVERSAL POWER PLUG 3P



TE Part # 176272-2
AMP UNIVERSAL POWER PLUG 3P



TE Part # 175149-3
AMP UNIVERSAL POWER CONN.TAB C



TE Part # 175149-2
AMP UNIVE. POWER CONN TAB CONT



TE Part # 175154-2
U/P TAB CONT L/P



TE Part # 175149-1
UNIVERSAL POWER CONN TAB



TE Part # 176272-9
AMP UNIVERSAL POWER PLUG 3P



TE Part # 175150-1
UNIVERSAL POWER CONN TAB



TE Part # 175150-2
AMP UNIVE. POWER CONN TAB CONT



TE Part # 175153-2
U/P TAB CONT L/P



TE Part # 176272-4
AMP UNIVERSAL POWER PLUG 3P

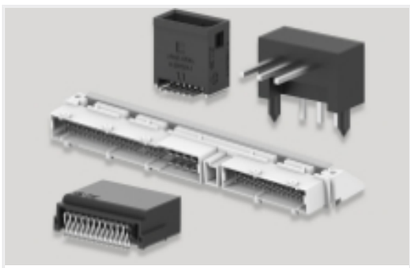
Also in the Series | AMP Universal Power



Connector Contacts(22)



Insertion & Extraction Tools(1)



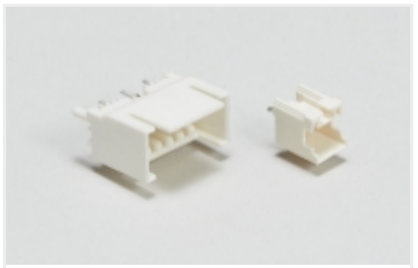
PCB Headers & Receptacles(51)



Power Contacts(21)

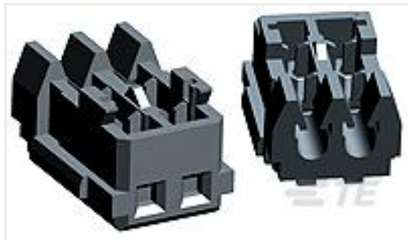


Rectangular Power Connectors(112)

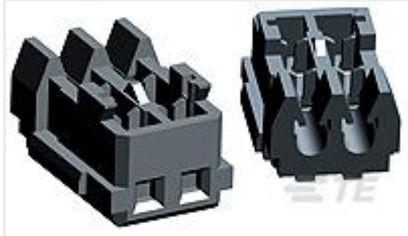


Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



TE Part #2-353293-0
MINI CT MT REC ASSY 20P GRAY



TE Part #1-353293-6
MINI CT MT REC ASSY 16P GRAY



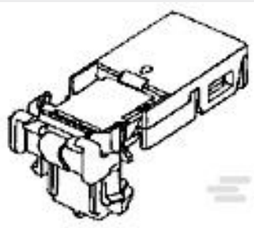
TE Part #1747050-1
GRACE INERTIA CONNECTOR 7.92 2POS PLUG H



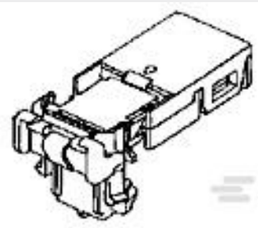
TE Part #6-968973-1
MCP2.8 GEH ASSY 15P



TE Part #353379-2
SQUIB CONN FERRITE



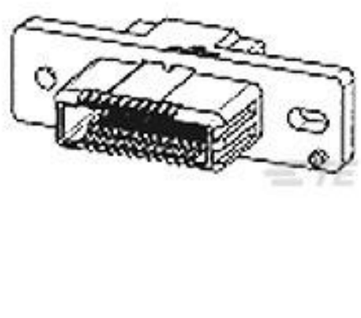
TE Part #1612120-1
11DIA SQUIB SLIM MK-2 PLUG HSG



TE Part #1612120-3
11DIA SQUIB SLIM MK-2 PLUG HSG



TE Part #1612119-1
11DIA SQUIB SLIM MK-2 LOCKING



TE Part #3-292236-0
1.5 MINI CT DC DRAWER REC ASSY



TE Part #925015-4
FF 110 REC HSG 3P NYLON NAT

Documents

Product Drawings

UNIV POWER CAP HSG 3P P/MOUNT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_176293-4_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_176293-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_176293-4_G.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_176293-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_176293-4_B.3d_stp.zip

English

Customer View Model

ENG_CVM_176293-4_B.2d_dxf.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