



AMP

TE Internal #: 556137-1

Housing, Plug / Receptacle, Crimp, Wire-to-Panel / Wire-to-Wire, Tin (Sn), UL 94V-0, 1 Position, 1 Row, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug, Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Mating Retention: **Without**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Body Features

Primary Product Color	White
-----------------------	-------



Contact Features

Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	55 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Adapters
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Polycarbonate
------------------	---------------

Dimensions

Compatible Insulation Diameter Range	1.02 – 25.91 mm[.04 – 1.02 in]
Connector Width	9.9 mm[.39 in]
Wire Size	18 – 10 AWG
Connector Height	9.91 mm[.39 in]
Connector Length	36.83 mm[1.45 in]

Usage Conditions

Operating Temperature Range	0 – 105 °C[32 – 221 °F]
-----------------------------	-------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized



Compatible With Approved Standards Products	UL E28482
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Loose Piece
------------------	-------------

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

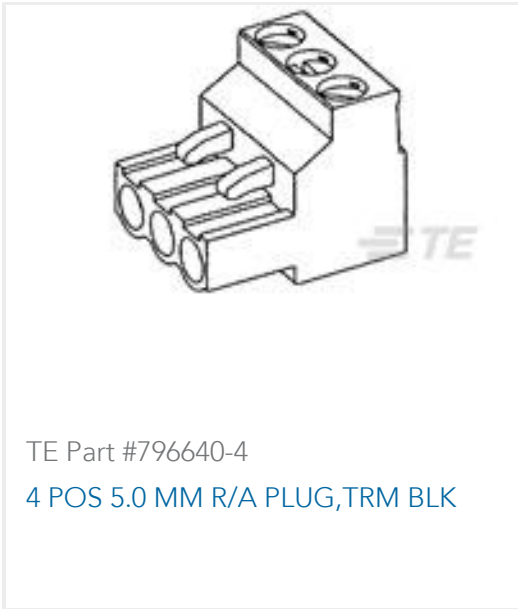


TE Part # 557313-1
[MOUNTING ADAPTR,AMPINNERGY WTW](#)

Customers Also Bought



TE Part #173977-4
[CT CONN MT REC ASSY 4P](#)



TE Part #796640-4
[4 POS 5.0 MM R/A PLUG,TRM BLK](#)



TE Part #2-292138-4
[CT DOUBLE ROW ASSY H 24P HDR N](#)



TE Part #770985-1
[MINI UMNL PIN 26-22AWG SN LP](#)



TE Part #556136-1
[CONT,AMPINNERGY WTW,STRIP,10-12](#)



TE Part #2-1419130-4
[TSC-112L3H,000](#)



TE Part #2177060-4
[CU ALLOY,SHIELD,8MM HV,CONN HSG,180 DEG](#)



TE Part #1587826-3
[CABLE SEAL, SIZE C, HVA280-2PI](#)



TE Part #1587828-3
[INNER FERRULE, SIZE C, HVA280-2PI](#)



TE Part #2310469-1
[CABLE SEAL RTNR, SIZE B, HVA280-2PI, V0](#)

Documents

Product Drawings

[HSG,AMPINNERGY WTW,1 POS,WHITE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_556137-1_J.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_556137-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_556137-1_J.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_556137-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_556137-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_556137-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Instruction Sheets

[AMPINNERGY Wire-to-Wire Stackable Connectors](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English