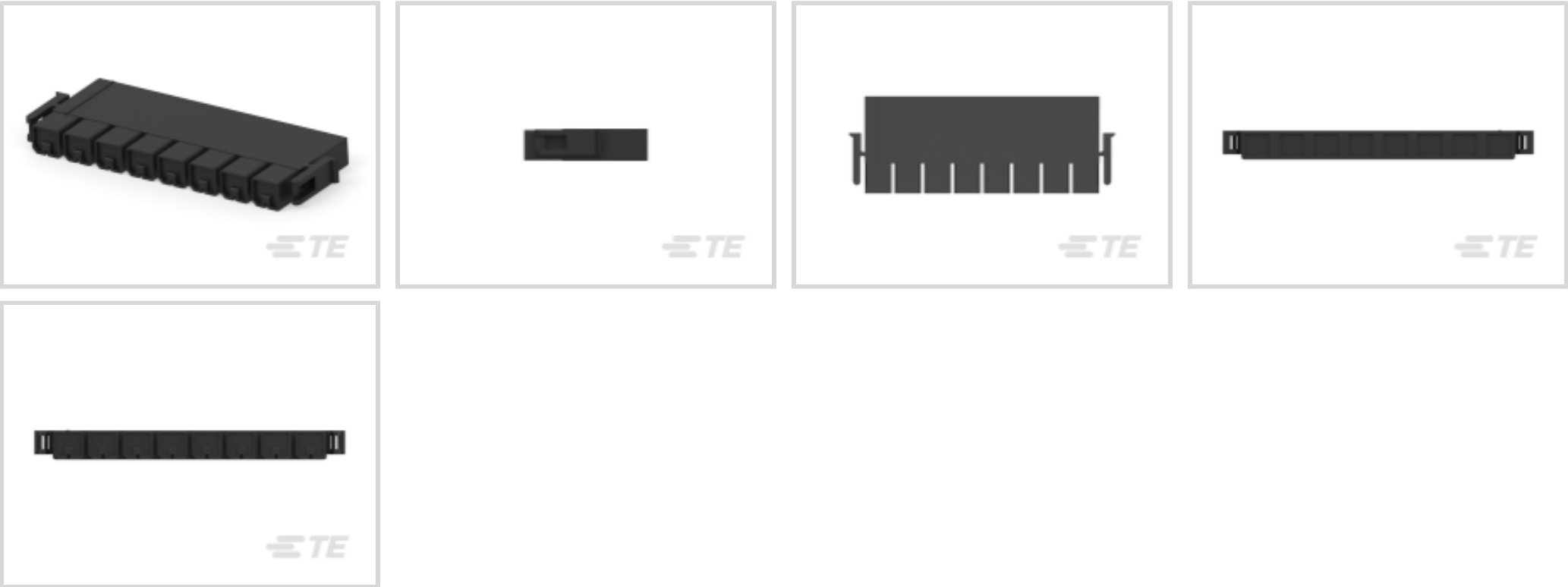




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **8**

Centerline (Pitch): **11.18 mm [.44 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Power Positions	8
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
-------------------	---------

Contact Features

Contact Shape & Form	Dual Beam
----------------------	-----------



Contact Base Material	Copper Alloy
Contact Current Rating (Max)	35 A
Contact Retention Within Housing	With
Contact Type	Tab

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Centerline (Pitch)	11.18 mm[.44 in]
Housing Color	Black
Housing Material	Polycarbonate

Dimensions

Wire Size	1600.53 – 12066.13 CMA
Width	36.58 mm[1.44 in]
Accepts Wire Insulation Diameter Range	1.02 – 25.91 mm[.04 – 1.02 in]
Height	9.4 mm[.37 in]
Length	97.54 mm[3.84 in]

Usage Conditions

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

Operation/Application

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

Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR 7189



VDE Tested	No
------------	----

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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>

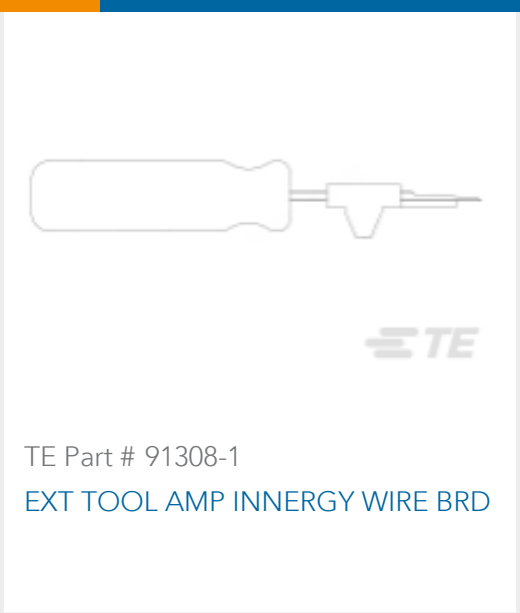
Compatible Parts



TE Part # 556881-8
RCPT ASY,VRT,AMPINRGY WTB,8POS



TE Part # 556882-8
RCPT ASY,R/A,AMPINRGY WTB,8POS



TE Part # 91308-1
EXT TOOL AMP INNERGY WIRE BRD

Customers Also Bought



TE Part #5-2232263-7
PTL 1X5 CAP PANEL MT GLW WIRE
KEY A DGR



TE Part #1969588-3
HSG, REC, FREE-HANGING, SINGLE
ROW,EP2.5



TE Part #1534796-2
AMP DUOPLUG MK2 CONNECTOR 2P



TE Part #5-179464-1
POWER DBL LOCK CAP HSG F/H 3P
(GWT)



TE Part #62795-1
SPRING SPADE TERMINAL .164 16-
12AWG TPBR



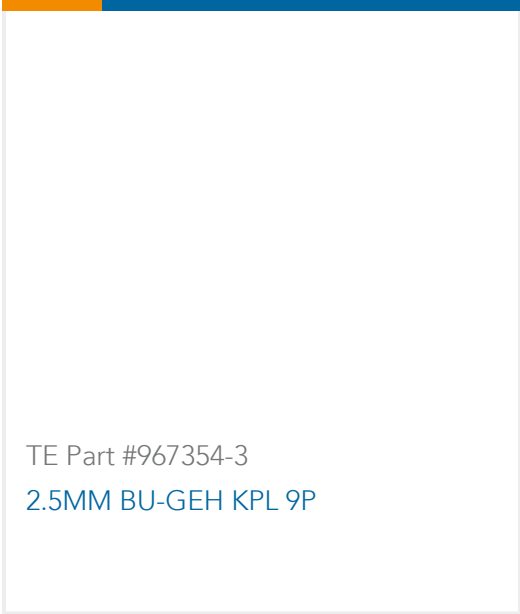
TE Part #184246-1
2X2 CAP ASY KEY A C4



TE Part #3-1438230-2
104769A



TE Part #1-1969593-2
HSG,REC,FREE-HANGING,GWT,
DUALROW,EP2.5



TE Part #967354-3
2.5MM BU-GEH KPL 9P

Documents

Product Drawings

PLUG HSG,AMPINNERGY WTB,8 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_556879-8_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_556879-8_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_556879-8_E.3d_stp.zip

English

3D PDF

English



Customer View Model

[ENG_CVM_556879-8_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_556879-8_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_556879-8_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

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

English

Agency Approvals

[Agency Approval Document](#)

English