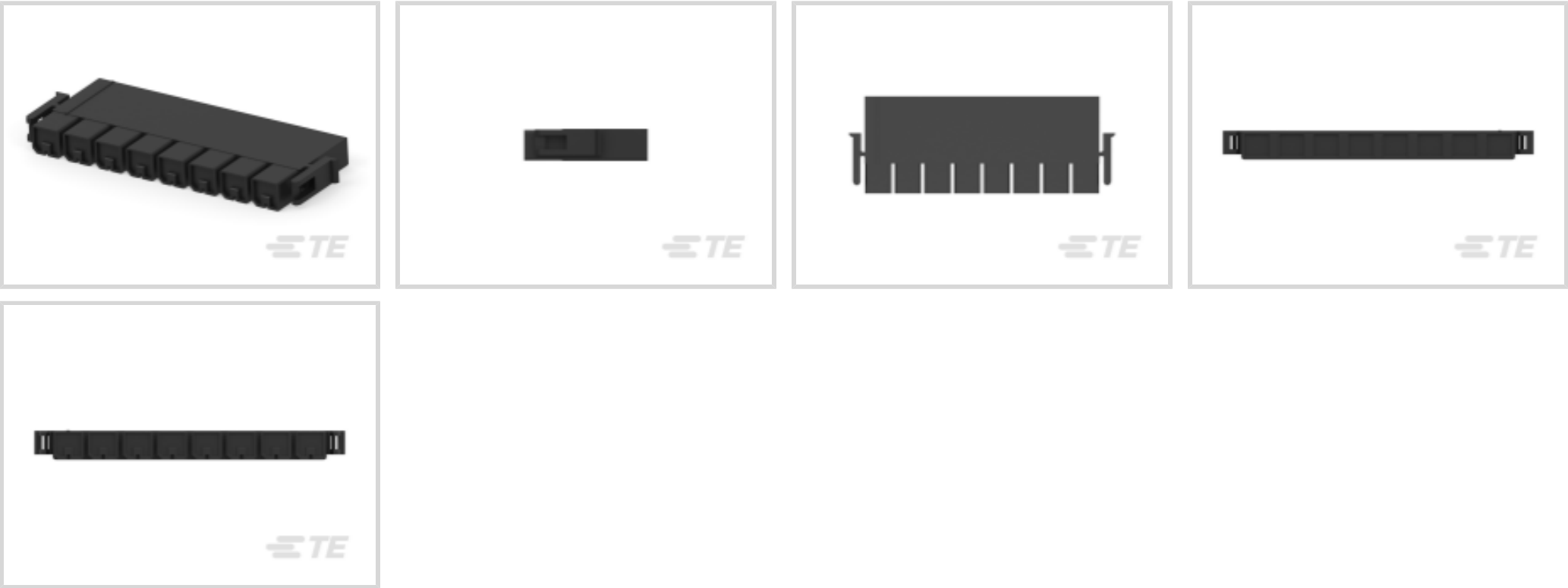




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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
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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

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

Housing Features

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

Dimensions

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

Usage Conditions

Operating Temperature Range	0 – 105 °C[32 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189, Certified



UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Loose Piece
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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) Does not contain REACH SVHC
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 # 91308-1
EXT TOOL AMP INNERGY WIRE BRD

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

Customers Also Bought



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



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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

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English