

556879-6 ✓ ACTIVE

AMPINNERGY

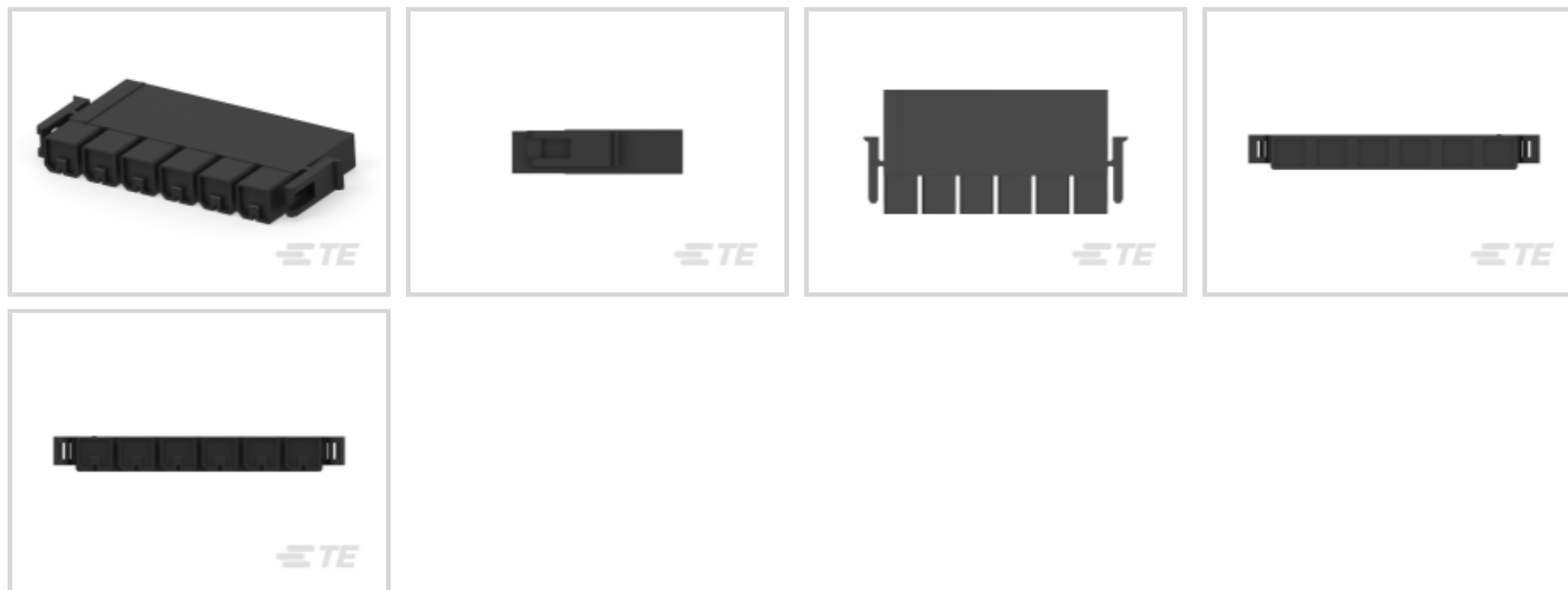
TE Internal #: 556879-6

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 6 Position, 11.18 mm [.44 in] Centerline, Wire & Cable, UL 94V-0, Power

[View on TE.com >](#)



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: **6**

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	6
Number of Power Positions	6
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Current Rating (Max)	35 A
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Contact Retention Within Housing	With
Contact Type	Receptacle

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	75.18 mm[2.96 in]

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

CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
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: JUNE 2022 (224)
 Does not contain REACH SVHC

Halogen Content

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

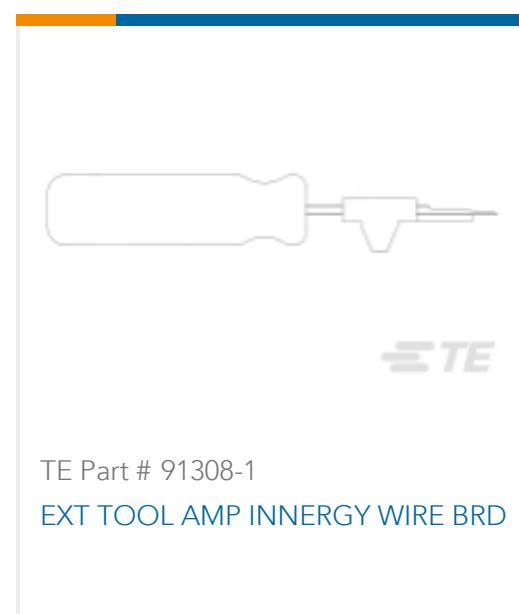
Solder Process Capability

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



Documents

Product Drawings

[PLUG HSG,AMPINNERGY WTB,6 POS](#)

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_556879-6_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_556879-6_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_556879-6_E.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_556879-6_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_556879-6_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_556879-6_C.3d_stp.zip](#)

English

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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

[MD_556879-6_0630201404_dmtec](#)

English

[MD_556879-6_0630201404_dmtec](#)

English

Instruction Sheets

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



English

[Agency Approvals](#)

[Agency Approval Document](#)

English