



AMP

TE Internal #: 556879-3  
Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 3  
Position, .44 in [11.18 mm] Centerline, Wire & Cable, UL 94V-0,  
Power

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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: **3**  
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        | 3 |
| Number of Power Positions  | 3 |
| Number of Signal Positions | 0 |
| Number of Rows             | 1 |

Electrical Characteristics

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

Contact Features

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 35 A |
|------------------------------|------|



|                                  |            |
|----------------------------------|------------|
| 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                                 | 41.66 mm[1.64 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

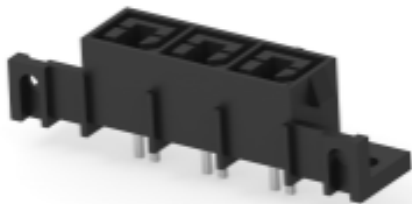
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                          |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>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 # 556881-3  
RCPT ASY,VRT,AMPINRGY WTB,3POS



TE Part # 556882-3  
RCPT ASY,R/A,AMPINRGY WTB,3POS



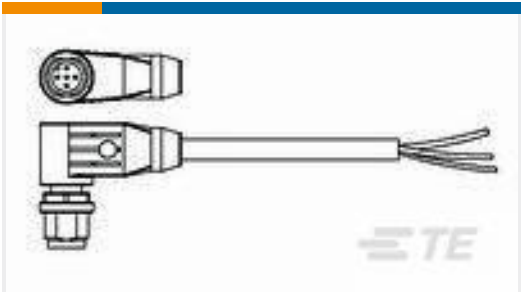
TE Part # 91308-1  
EXT TOOL AMP INNERGY WIRE BRD

Customers Also Bought

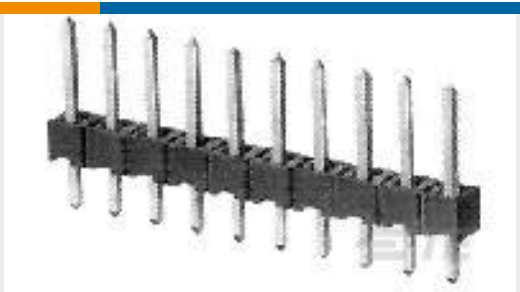




TE Part #66598-2  
III+ SKT, 18-14, 30AU/FL, STRIP



TE Part #1-2273100-3  
M12 x 1.0 angled plug pigt shld A



TE Part #826629-8  
AMPMODU II HEADER



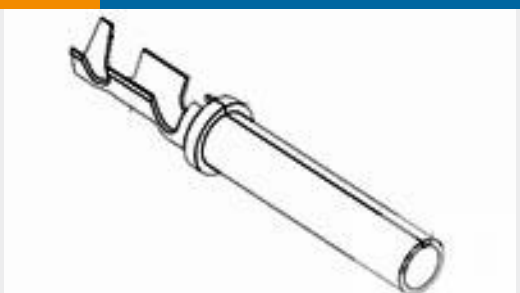
TE Part #2141265-4  
COVER, SEAL



TE Part #T4112001051-000  
M12, FEMALE, RA, A CODE, 5P, PG7, GOLD



TE Part #DRBF-2A  
FLANGE, MOUNT, 60/48P, BLK, A



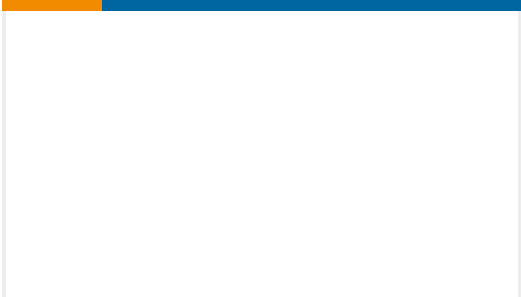
TE Part #776493-2  
SOC, SF, SIZE 16, 18-20 AWG, NI/SN



TE Part #556880-2  
CONT, AMPINNRGY WTB, STRIP, 10-12



TE Part #5053144386  
RNF-100-3/8-BK-SP



TE Part #T4171110004-002  
M12, REAR MOUNTING, FEMALE, A, 4P, 0.5M WIRE

Documents

Product Drawings

PLUG HSG, AMPINNERGY WTB, 3 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_556879-3\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_556879-3\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_556879-3\_E.3d\_stp.zip

English

3D PDF

English



Customer View Model

[ENG\\_CVM\\_556879-3\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_556879-3\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_556879-3\\_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\\_556879-3\\_10112017435\\_dmtec](#)

English

[MD\\_556879-3\\_10112017435\\_dmtec](#)

English

Instruction Sheets

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

English

Agency Approvals

[Agency Approval Document](#)

English