556879-3 ✔ ACTIVE

AMP

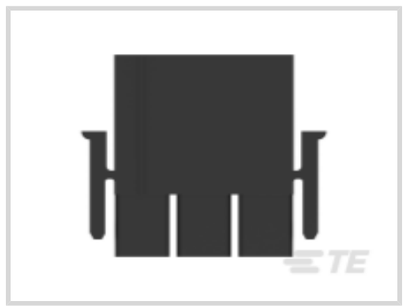
TE Internal #: 556879-3

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

View on TE.com >

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	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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

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	41.66 mm[1.64 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]

Operation/Application

Circuit Application	Power

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

Packaging Features

Packaging Method	Loose Piece

Product Compliance

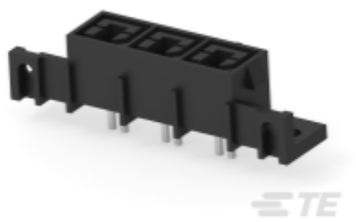
For compliance documentation, visit the product page on TE.com>

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 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

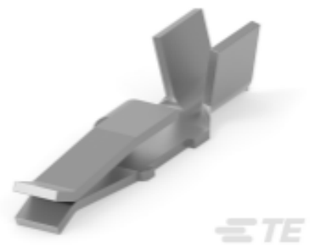
Compatible Parts



TE Part # 556881-3
RCPT ASY,VRT,AMPINRGY WTB,3POS



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



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



TE Part # 556883-1
CONT,AMPINNRGY WTB,LS PC,14-18

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

Customers Also Bought



TE Part #770522-2
SL156 RECEPT AUNI/PHBZ L/P



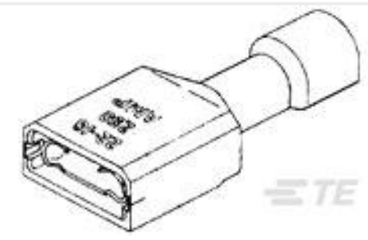
TE Part #227161-6
RTANG JK W/MTG PINS, BNC PCB



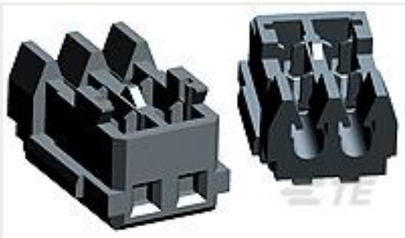
TE Part #206705-4
CPC RECPT ASSEMBLY SIZE 13-9



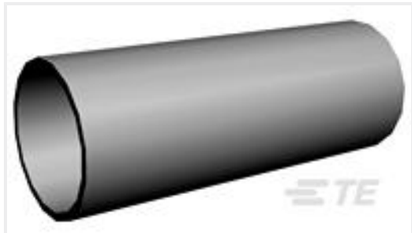
TE Part #66181-1
III+ SKT,SOLDER,30AU,10AU FLASH,LP



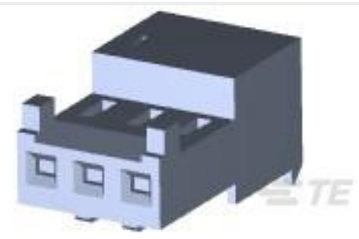
TE Part #7-520365-2
ULTRA-FAST .110/.125 ASY REC 26-22 TPBR



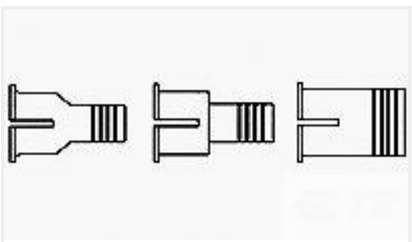
TE Part #353293-2
MINI CT MT REC ASSY 2P GRAY



TE Part #4-745130-5
SHLDING FERRULE,PLTD,BULK PKG



TE Part #3-643816-3
03P MTA100 CONN ASSY POL RIB



TE Part #7-745129-8
SHLDING FERRULE,PLTD,BULK PKG



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

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

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