556137-1 ✔ ACTIVE

AMP

TE Internal #: 556137-1

1 Position, Plug / Receptacle, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, Tin (Sn), UL 94V-0, 1 Row, 600 VAC, Wire & Cable, Power

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug, Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Mating Retention: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug, Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VDC

Body Features

Primary Product Color	White

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Type	Receptacle
Contact Current Rating (Max)	55 A
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Adapters
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Polycarbonate

Dimensions

Compatible Insulation Diameter Range	1.02 – 25.91 mm[.04 – 1.02 in]
Connector Width	9.9 mm[.39 in]
Connector Height	9.91 mm[.39 in]
Connector Length	36.83 mm[1.45 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	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28482

CSA Rating	Certified, LR 7189
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Loose Piece

Product Compliance

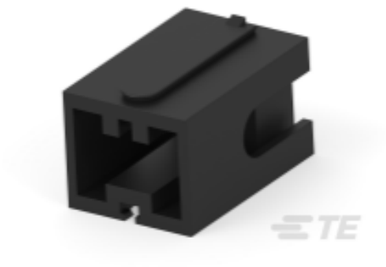
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # 557313-1
MOUNTING ADAPTR,AMPINNERGY WTW

Customers Also Bought



TE Part #HD16-3-16S
PLG, 3P, GRY, N, 16



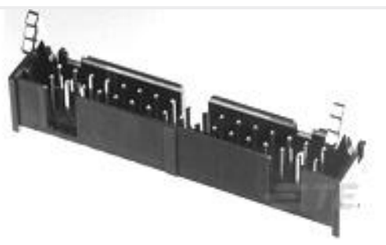
TE Part #61314-7
CMNL SOK 24-18 AUBR



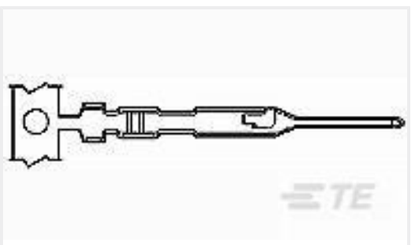
TE Part #1-87309-2
MOD V RECP PLTD 15 AU



TE Part #103638-1
02 MTE HDR SRST LATCH .100CL



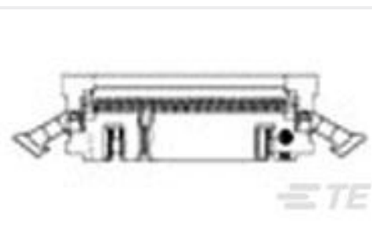
TE Part #104128-5
026 LOPRO HDR SP 30DP LATCH



TE Part #1-104505-0
MTE PIN 22-26 AWG PLTD



TE Part #2-111196-9
026 RCPT SYSTEM 50 30 DPLX



TE Part #1-111504-4
10 UNIV I/O, NO EARS,LEAD FREE



TE Part #794231-1
MINI UMNL2 SCKT 20-16AWG LP SN



TE Part #2-1676625-8
HSA25 200R 5%

Documents

Product Drawings

HSG,AMPINNERGY WTW,1 POS,WHITE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_556137-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_556137-1_J.3d_igs.zip

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Customer View Model

ENG_CVM_CVM_556137-1_J.3d_stp.zip

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3D PDF

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Customer View Model

ENG_CVM_556137-1_B.2d_dxf.zip

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Customer View Model

ENG_CVM_556137-1_B.3d_igs.zip

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Customer View Model

ENG_CVM_556137-1_B.3d_stp.zip

English

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Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

ampinnergy-catalog

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Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

AMPINNERGY Wire-to-Wire Stackable Connectors

English

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English