556137-2 ! PENDING OBSOLESCENCE

AMP

TE Internal #: 556137-2

TE Internal Description: HSG,AMPINNERGY WTW,1 POS,BLACK

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: **Receptacle, Plug**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	55 A
Contact Retention Within Housing	With
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Housing Features

Housing Color	Black
Housing Material	Polycarbonate

Dimensions

Compatible Insulation Diameter Range	1.02 – 25.91 mm[.04 – 1.02 in]
Product Width	9.9 mm[.39 in]
Product Length	36.83 mm[1.45 in]
Connector Height	9.91 mm[.39 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, VDE, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28483

CSA Rating	LR 7189, Certified
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	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	Not applicable for solder process capability

Product Compliance Disclaimer

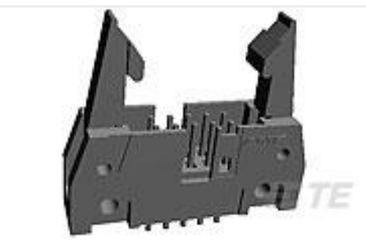
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 556137-2
HSG,AMPINNERGY WTW,1 POS, BLACK

Customers Also Bought



TE Part #5499374-5
A/L UNIV HDR 24P VERT SHT LAT



TE Part #644874-3
03P MTA100 HDR ASSY,SPCL BEND



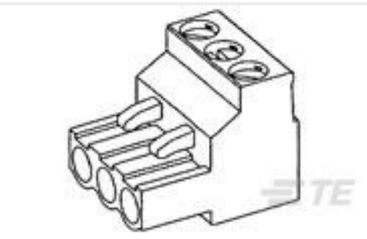
TE Part #5-146254-1
02 MODII HDR DRST B/A .100CL



TE Part #1-794615-8
PANEL MT DBL ROW HSG 18 POS



TE Part #213862-1
17-16 RCPT HSG,STD SEX,CPC



TE Part #796635-6
6 POS 5.08MM R/A PLUG,TRM BLK



TE Part #770016-1
05P UMNLII IN-LNE PLUG HSG KIT



TE Part #1-794615-6
PANEL MT DBL ROW HSG 16 POS



TE Part #6-1393127-0
PRD-11DY0-110=PRD



TE Part #556135-2
CONT,AMPINNRGY WTW,LS PC,14-18

Documents

Product Drawings

HSG,AMPINNERGY WTW,1 POS,BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_556137-2_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_556137-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_556137-2_J.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_556137-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_556137-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_556137-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

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