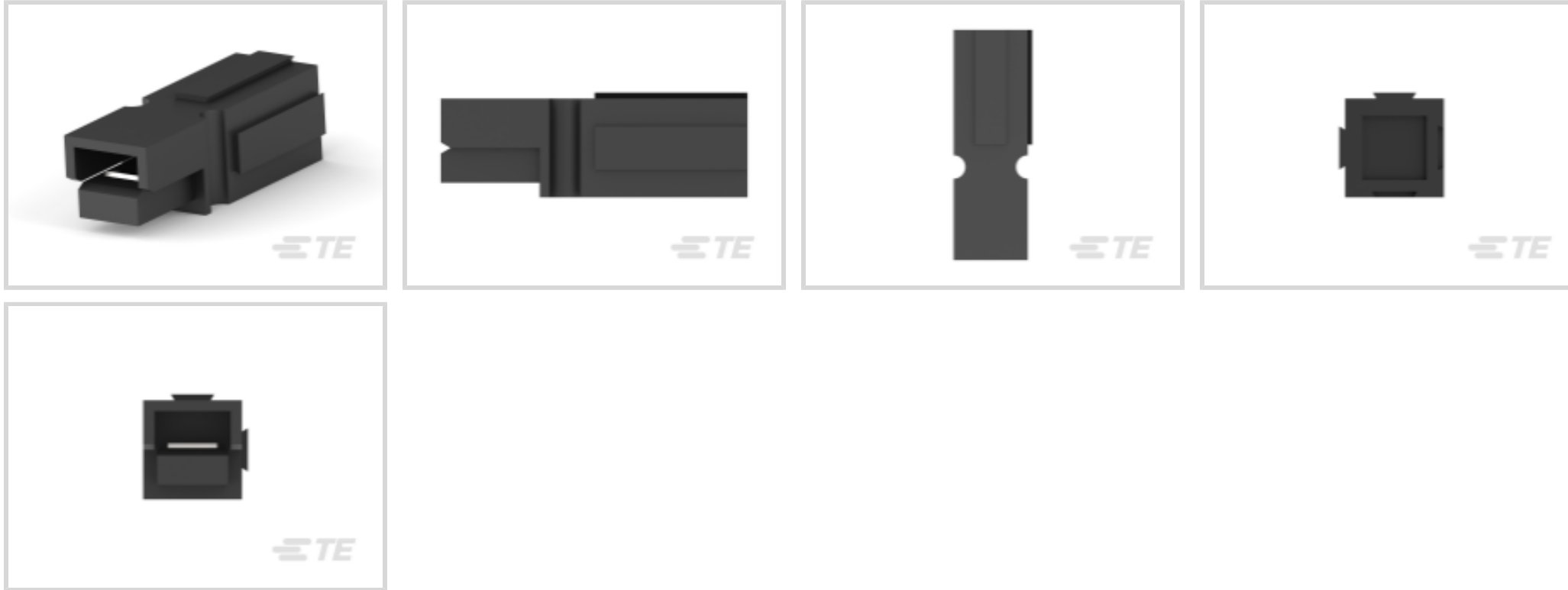# 1445957-2 ✓ ACTIVE

AMP Power Series - 45
TE Internal #: 1445957-2

Rectangular Power Connectors, Housing, Receptacle / Plug, Wire-to-Wire, 1 Position, Wire & Cable, UL 94V-0, AMP Power Series - 45

View on TE.com >

Rectangular Power Connector Type: **Housing**

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

Connector System: **Wire-to-Wire**

Number of Positions: **1**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Contact Retention Within Housing	Without
Contact Type	Blade

Termination Features

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Rectangular Power Connectors, Housing, Receptacle / Plug, Wire-to-Wire, 1 Position,
Wire & Cable, UL 94V-0, AMP Power Series - 45

Termination Method to Wire & Cable	Crimp
Wire/Cable Type	Discrete Wire
Wire Type	Stranded

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Housing Material	Polycarbonate

Dimensions

Wire Size	993 – 12066 CMA
Height	7.4 mm[.291 in]
Length	24.6 mm[.968 in]
Width	7.4 mm[.291 in]

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476
Agency/Standard	UL

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	1000

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

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Rectangular Power Connectors, Housing, Receptacle / Plug, Wire-to-Wire, 1 Position,
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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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1744041-1
L/P CONTACT,12-16AWG

Also in the Series | AMP Power Series - 45

Rectangular Power Connectors(8)

Documents

Product Drawings

1445957-2

Rectangular Power Connectors, Housing, Receptacle / Plug, Wire-to-Wire, 1 Position, Wire & Cable, UL 94V-0, AMP Power Series - 45

HSG SUB ASY,BLACK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1445957-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1445957-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1445957-2_B.3d_stp.zip

English

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English

Application Specification

English