176761-1 ✔ ACTIVE

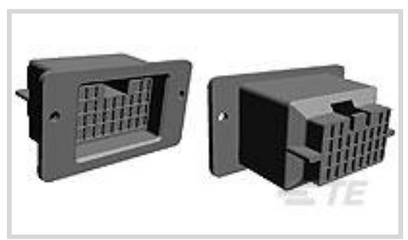
LATTICE PRODUCTS | AMP LATTICE

TE Internal #: 176761-1

28 Position, Cap, Housing, Wire-to-Wire, UL 94V-0, 3.96 mm [.155 in] Centerline, 4 Row, 250 VAC, Wire & Cable, Panel Mount, AMP LATTICE

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

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

UL Flammability Rating: **UL 94V-0**

Number of Positions: **28**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	28
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Gray

Contact Features

Contact Type	Receptacle

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	3.96 mm[.155 in]
Housing Material	PBT

Dimensions

Connector Width	37 mm
Connector Height	34.1 mm
Connector Length	62.5 mm
Row-to-Row Spacing	4.6 mm[.181 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box
Packaging Quantity	50

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 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 # 176763-1
AMP LATTICE 28P PLUG HSG

Also in the Series | AMP LATTICE



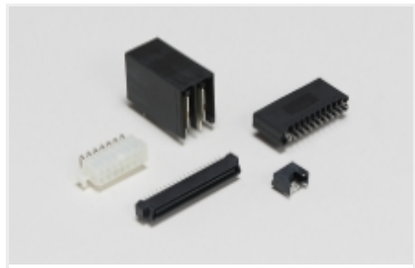
Connector Caps & Covers(6)



Connector Contacts(4)

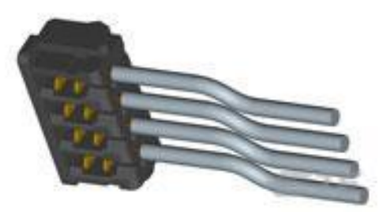


Rectangular Connector Housings(3)



Standard Rectangular Connectors(3)

Customers Also Bought



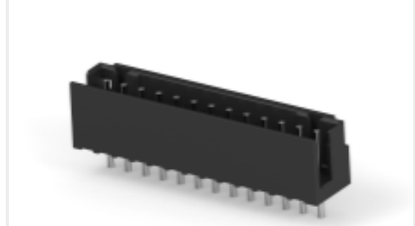
TE Part #2-179694-9
2MM CT MT REC ASSY 9P GRAY



TE Part #292215-9
MINI CT SGL RELAY 9P NAT



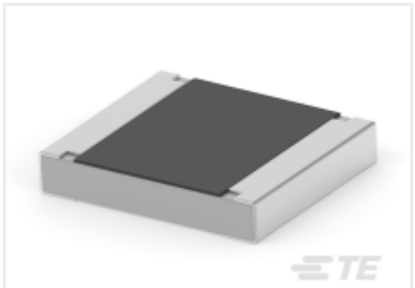
TE Part #1-292215-0
MINI CT SGL RELAY 10P NAT



TE Part #CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V DIP



TE Part #350509-1
RING 22-16 AWG BR



TE Part #1-2176346-6
CRGCQ 1210 330R 5%



TE Part #6609037-3
3EP7=F7171 S0



TE Part #1-6609016-0
6ED2=F7075 S0

Documents

Product Drawings

AMP LATTICE 28P CAP HSG

English

CAD Files

Customer View Model

ENG_CVM_176761-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_176761-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_176761-1_A.3d_stp.zip

English

3D PDF

English

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

Product Specifications

Crimping of AMP Lattice Contact

English

Application Specification

English

Agency Approvals

Agency Approval Document

English