

176762-1 ✓ ACTIVE

LATTICE PRODUCTS | AMP LATTICE

TE Internal #: 176762-1

Rectangular Connector Housings, Wire-to-Wire, 12 Position, .155 in [3.96 mm] Centerline, 3 Row, Nylon, Plug, Receptacle, Wire & Cable, AMP LATTICE

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **12**

Centerline (Pitch): **3.96 mm [.155 in]**

Row-to-Row Spacing: **4.6 mm [.181 in]**

Number of Rows: **3**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

Color	Gray
Material	Nylon

Contact Features

Contact Type	Receptacle
--------------	------------

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------



Housing Features

Centerline (Pitch)	3.96 mm [.155 in]
Housing Material	Nylon
Housing Color	Gray

Dimensions

Row-to-Row Spacing	4.6 mm [.181 in]
Height	21.9 mm
Length	21.9 mm
Width	21.3 mm

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	300
Packaging Method	Bag

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 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

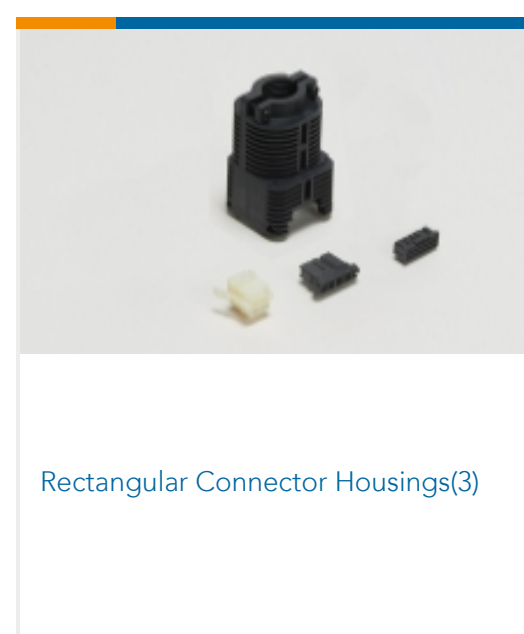
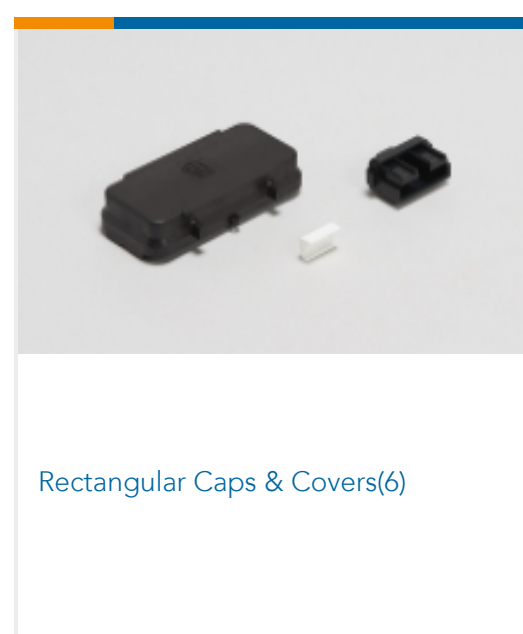
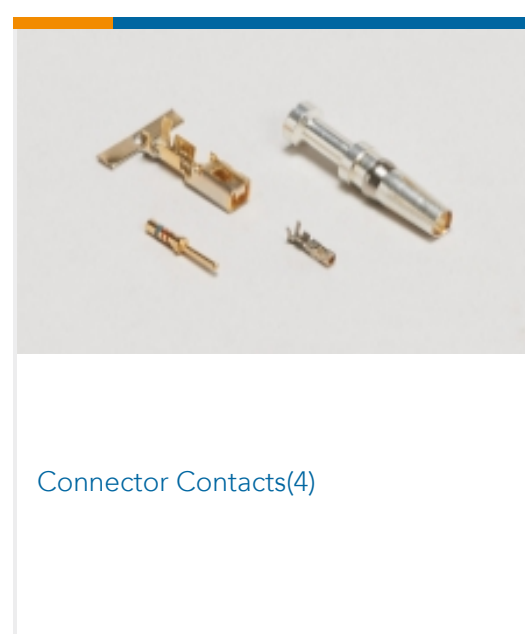
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | AMP LATTICE



Documents

Product Drawings

AMP LATTICE 12P PLUG HSG

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_176762-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_176762-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_176762-1_O.3d_stp.zip](#)

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