

1903611-4 ✓ ACTIVE



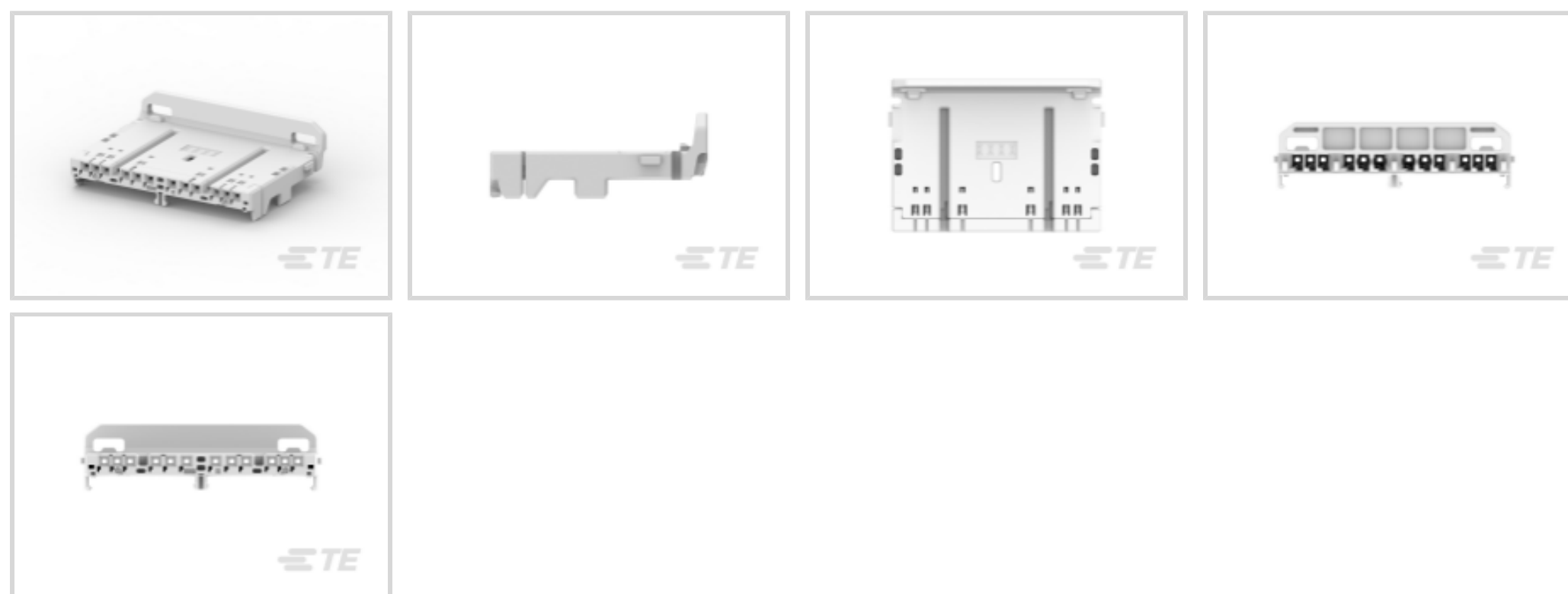
0.50 Connector System

TE Internal #: 1903611-4

Housing for Female Terminals, Wire-to-Board, 12 Position, Natural, Signal, Cable Mount (Free-Hanging), 0.50 Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > 0.50 CONNECTOR SYSTEM, CONNECTOR HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: .5 mm [.02 in]

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

Number of Positions: **12**

Sealable: **No**

[All 0.50 CONNECTOR SYSTEM, CONNECTOR HOUSING \(31\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	No
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	12
Number of Rows	1

Body Features

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Natural



Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]

Mechanical Attachment

Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Circuit Application	Signal
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Other

Connector Position Assurance Capable	No
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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: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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



TE Part # 1827855-1
0.50 SERIES CONNECTER
RECEPTACLE CONTACT



TE Part # 1827855-3
0.50 SERIES CONNECTER
RECEPTACLE CONTACT




TE Part # 1827855-4
0.50 SERIES CONNECTER
RECEPTACLE CONTACT




TE Part # 1827855-2
0.50 SERIES CONNECTER
RECEPTACLE CONTACT


Also in the Series | 0.50 Connector System




Automotive Housings(28)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(8)

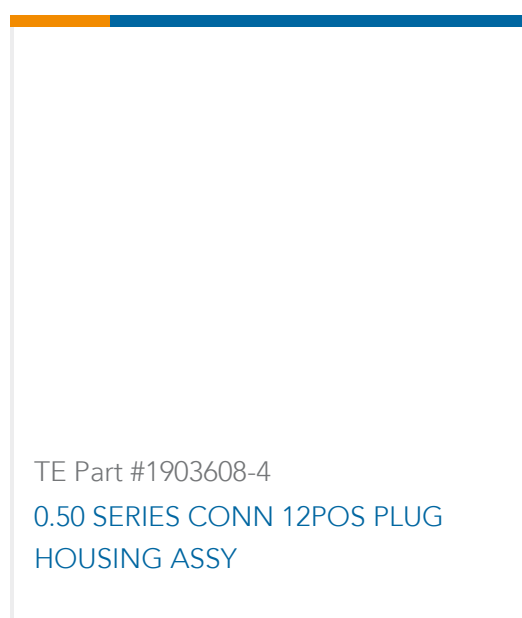


Insertion & Extraction Tools(1)



PCB Headers & Receptacles(15)

Customers Also Bought



Documents

Product Drawings

[0.50 SERIES CONN 12POS PLUG HOUSING ASSY](#)

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_1903611-4_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1903611-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903611-4_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



0.50 Series Connectors

English

Product Specifications

Product Specification

English

Product Specification

Japanese

Product Specification

Japanese

Product Specification

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

0.50/1.5 HYBRID SERIES UNSEALED CONNECTOR (SMT-TYPE)

English

Instruction Sheet (U.S.)

English