1-1703963-1 ✔ ACTIVE

TE Internal #: 1-1703963-1

12 V, 16 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power

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Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: **12 V**

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

Number of Positions: **16**

Sealable: **Yes**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

Features

Product Type Features

Connector Shape	Circular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	16
Number of Rows	5

Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Black

Contact Features

Contact Size	1.5K
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.06 in]
Contact Current Rating (Max)	20 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4 mm[.157 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Box
Packaging Quantity	504

Other

Connector Position Assurance Capable	No

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	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 # 1-1703964-1
16POS,AMP MCP1.5K,REC HSG



TE Part # 1823735-1
COVER,90DEG



TE Part # 1813505-1
Straight cover for 14P socket housing



TE Part # 1-1718284-2
ADAPTER 90?FOR 10-14POS. SOCKE



TE Part # 5-1579018-6
INSERTION TOOL

Customers Also Bought



TE Part #1241608-6
MQS1,5 Ag rec CB unseal. 0,75-1,5



TE Part #1703768-3
14POS,AMP MCP1.5K,SOCK HSG, ASSY



TE Part #1-1718324-1
1.5/2.8MM TAB HSG.,62POS.,ASSY



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #2208714-1
2. LOCK,MCON1,2 CB



TE Part #1-2208720-1
105POS,MCON 1.2 CB,REC HSG, ASSY,SLD



TE Part #9-2208738-9
PLATE,FAMILY SEAL COVER,105POS



TE Part #2366517-2
FIX RING,CONN KIT

TE Part #2137768-1
76P CONNECTOR ASSEMBLY

Documents

Product Drawings

16POS,AMP MCP1.5K,REC HSG,ASSY,SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1703963-1_A_c-1-1703963-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1703963-1_A_c-1-1703963-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1703963-1_A_c-1-1703963-1-a.3d_stp.zip

English

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

Product Specifications

Engineering Specification

English