2382871-1 ✔ ACTIVE

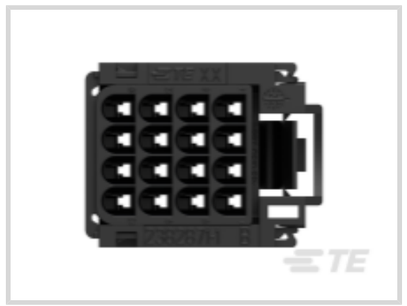
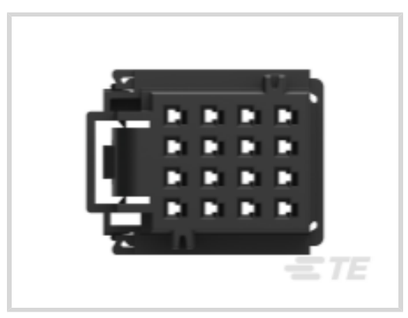
TE Internal #: 2382871-1

12 V / 24 V, 16 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4.2 mm [.165 in] Centerline, Black, Wire & Cable, Power

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: **12 V, 24 V**

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

Number of Positions: **16**

Sealable: **No**

Operating Temperature Range: **-40 – 105 °C [-40 – 221 °F]**

Features

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	16
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4.2 mm[.165 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]

Operation/Application

Circuit Application	Power

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	有害物质含量符合标准要求 No Restricted Substance(s) 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 reviewed 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 # 5-1579007-3
EXTRACTION TOOL



TE Part # 2382874-1
16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD A

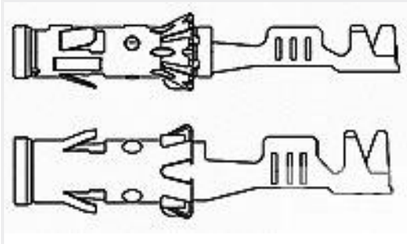


TE Part # CAT-N13-AT12
1.2 mm Automation Ready Terminals for Automotive Wire Harness Production and High Efficiency Automation



TE Part # 2141861-2
MCON 1.2 LL REC SRC AU

Customers Also Bought



TE Part #962954-2
4MM BUCHS-KONTAKT



TE Part #1534149-1
MQS RETAINER ,BLACK



TE Part #2298123-1
MATE-AX, Pin outer contact, RTK 031



TE Part #2298125-1
MATE-AX, Pin center contact, RTK 031



TE Part #2298126-1
MATE-AX, Crimp Ferrule, RTK 031



TE Part #2377860-1
11POS,HYBRID,REC HSG ASSY, UNSLD,COD A



TE Part #2377861-1
11POS,HYBRID,TAB HSG ASSY, UNSLD,COD A



TE Part #2382874-1
16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD A



TE Part #2405341-2
BLIND PLUG BLOCK ASSAMBLY, TOOL UNLOCK.

TE Part #2477219-1
V23136A0103X165-EV-KLT3215

Documents

Product Drawings

16POS,MCON 1.2,REC HSG ASSY,UNSLD,COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2382871-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2382871-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2382871-1_B.3d_igs.zip

English

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

Product Specifications

Application Specification

English