638119-1 ✔ ACTIVE

TE Internal #: 638119-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 4 Position, .118 in [3 mm] Centerline, Black, Signal, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings







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

Number of Positions: **4**

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

Centerline (Pitch): **3 mm [.118 in]**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1mm
Contact Type	Receptacle
Mating Tab Width	1 mm[.039 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	3 mm[.118 in]

Dimensions

Connector Height	14.95 mm[.589 in]
Product Width	16 mm[.63 in]
Product Length	1.21 mm[30.75 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-40 - 100 °C[-40 - 212 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Other

Serviceable	Yes
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 638187-1
RECEPT. CONTACT 18-20 AWG TIN

TE Part # 638120-1
4 POSN PLUG HSG (KEY A)

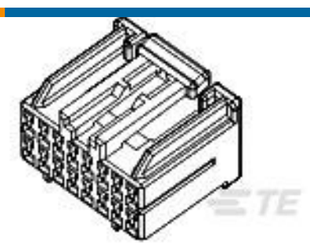


TE Part # 638187-2
RECEPT CONTACT 22 AWG TIN PL

Customers Also Bought



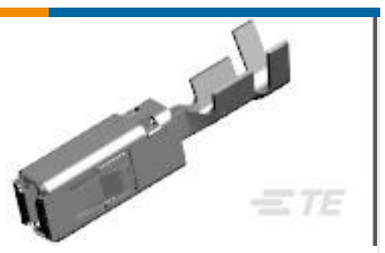
TE Part # DTM04-2P-P006
REC, 2P, GRY, 120 OHM RESISTOR, AU, A



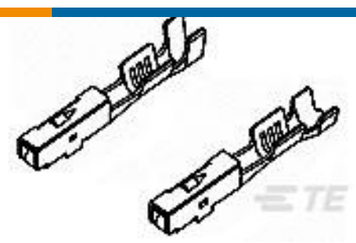
TE Part # 917981-2
HYBRID MK-2 PLUG HSG ASSY 16P



TE Part # 2-962916-1
TAB 2.8x0.8 CONTACT CF SWS Sn



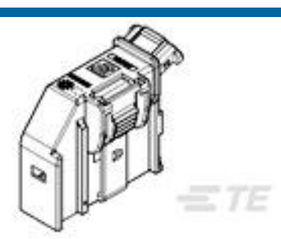
TE Part # 1241388-1
AMP MCP 2.8K, CONTACT



TE Part # 175265-1
040 REC (S) FOR NSCC



TE Part # 9097616017
LSTT-4.8-0-40MM



TE Part # 1924141-1
Shield, 26P GenY, Hand Mate Conn



TE Part # 1-2112058-6
8POS,YES 1.5,SOCK HSG,ASSY, SEALED



TE Part # 2098377-1
20P PLUG ASSEMBLY UNSEALED HYBRID A-KEY

Documents

Product Drawings

4 POSN PLUG ASSY (KEY A)

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_638119-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_638119-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_638119-1_B.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Category 1 Automotive Plug Connector Assembly

English

Instruction Sheet (U.S.)

English