



Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 1.2mm Sealed Connectors



Nominal Voltage Architecture: 12 V, 24 V, 48 V

Connector & Housing Type: Housing for Male Terminals

Number of Positions: 2

Sealable: Yes

Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

[All 48V Ready 1.2mm Sealed Connectors \(183\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	14 VDC
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Nominal Voltage Architecture

12 V, 24 V, 48 V

Body Features

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

Contact Features

Contact Size	1.2mm
Contact Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Contact Current Rating (Max)	25 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Product Width	44 mm[1.73 in]
Product Length	14.8 mm[.58 in]
Connector Height	14.95 mm[.58 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1500
Packaging Method	Box & Carton

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	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	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>

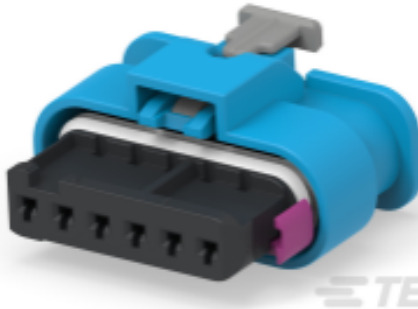
Compatible Parts

TE Part # CAT-N13-MSLRTT12
MCON 1.2 Locking Lance Receptacle and Tab Terminals

TE Part # 1-1670916-1
2POS, MCON 1.2 LL REC SEALED

TE Part # 967056-1
MQS BLINDSTOPFEN4MM

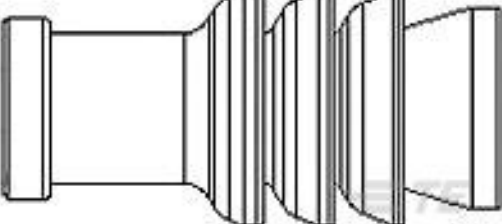
TE Part # 1-1579028-5
INSERTION TOOL



TE Part # CAT-N14-RC4812
48V Ready 1.2mm Sealed Connectors



TE Part # 1-1703499-3
2POS,TAB 1.2X0.6,TAB HSG,CODA



TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 967067-2
MQS EINZELLEITDICHT



TE Part # 3-1579028-8
EXTRACTION TOOL



TE Part # 1-2441392-1
2POS,NEXTGEN, MCON 1.2 LL REC, SLD,COD A



TE Part # 1-2378602-6
2POS,NEXTGEN, MCON 1.2 LL REC, SLD,COD A



TE Part # 9-1579028-2
EXTRACTION TOOL

Also in the Series | MCON 1.2mm



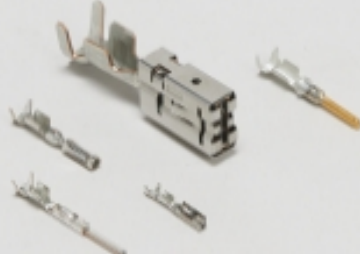
Automotive Connector Caps & Covers (15)



Automotive Housings(354)



Automotive Seals & Cavity Plugs(16)



Automotive Terminals(90)

Customers Also Bought



TE Part #AS616-35SD
PLUGBOOT TERMINN TYPE 6



TE Part #ASL606-05SU-HE
PLUG ASSY. AS MICRO MK3.



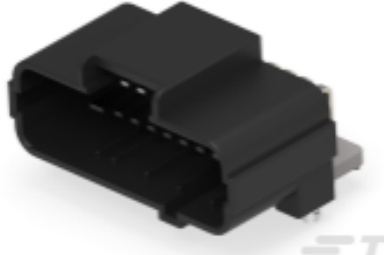
TE Part #ASL106-05PC-HE
RECEPT.ASSY. IN-LINE.AS MICRO MK3



TE Part #ASL006-05PD-HE
RECEPT.ASSY. 2 HOLE MNT.MICRO MK3



TE Part #ASL006-05PE-HE
RECEPT.ASSY. 2 HOLE MNT.MICRO MK3



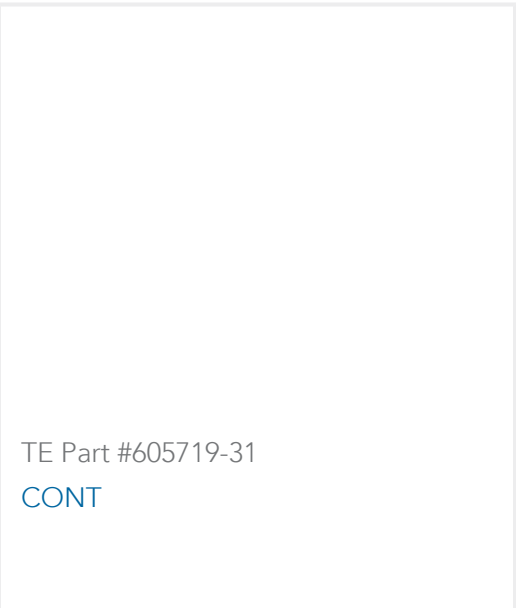
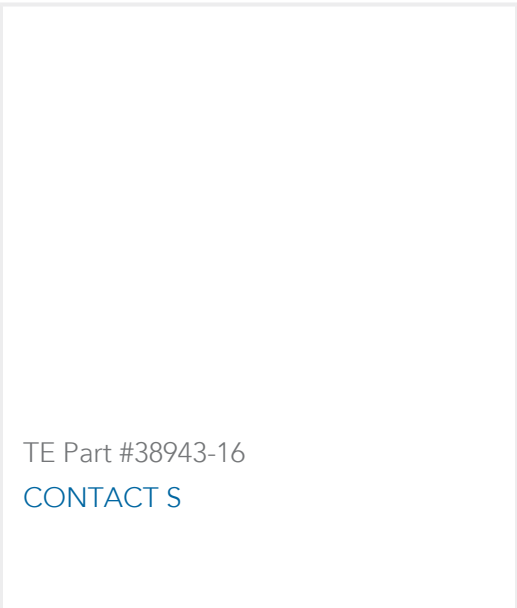
TE Part #2098835-1
20P HYBRID HEADER ASSEMBLY KEY



TE Part #2141647-1
13POS, MIXED,TAB HSG,ASSY,CODA



TE Part #2141648-1
13POS, MIXED,REC HSG,ASSY,CODA



Documents

Product Drawings

2POS, MCON 1.2 LL TAB SEALED COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1703498-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1703498-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1703498-3_C.3d_stp.zip

English

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Product Specifications

Application Specification

English