

1897462-2 ✓ ACTIVE

TE Internal #: 1897462-2

Housing for Female Terminals, Wire-to-Wire, 12 Position, 4.1 mm [.161 in] Centerline, Sealable, Black, Wire & Cable, Power & Signal

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **12**

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

Centerline (Pitch): **4.1 mm [.161 in]**

Sealable: **Yes**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	12
Number of Rows	2

### Electrical Characteristics

Nominal Voltage Architecture	12 V
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### Body Features

Primary Product Color	Black
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### Contact Features



Contact Size	1.2mm
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### Mechanical Attachment

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

Housing Material	PBT GF
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Centerline (Pitch)	4.1 mm [.161 in]
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### Dimensions

Connector Height	24.7 mm [.972 in]
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Product Width	24.8 mm [.976 in]
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Product Length	35.8 mm [1.4 in]
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### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
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Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Other

Connector Position Assurance Capable	Yes
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
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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 # CAT-M4595-T273  
MCON Receptacle and Tab



TE Part # 2278701-1  
12POS,TAB1.0X0.6,HDR ASSY,180DEG

TE Part # 1897463-2  
5ATM 12P PLUG HSG

TE Part # 1897464-2  
5ATM 12P PLUG FRONT HOLDER HSG

TE Part # 1897465-1  
5ATM 12P PLUG FRONT DBL HSG

TE Part # 1897466-3  
5ATM 12P REAR HOLDER HSG

TE Part # 1897608-6  
5ATM 12P PLUG CPA PLATE HSG

TE Part # 2005811-1  
5ATM 12P PLUG FAMILY SEAL

TE Part # 2005812-1  
5ATM 12P PLUG INNER SEAL

TE Part # 1897458-2  
5ATM 12P CAP HSG

### Customers Also Bought



TE Part #1670144-3  
MCON 1.2 CB REC SRC AG



TE Part #2005575-1  
060/110/250 LIF 38P PLUG ASSY WHI



TE Part #2050036-4  
64P ECU PLUG CONNECTOR



TE Part #1813271-3  
SEALED MT2 PLUG HOUSING ASSEMBLY



TE Part #2299987-4  
65W PLUG ASSEMBLY



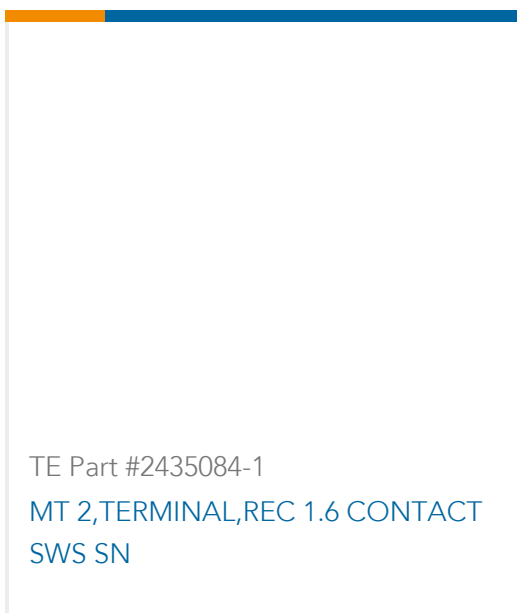
TE Part #1-964334-5  
SPT A REC 6.3 Contact SWS Ag



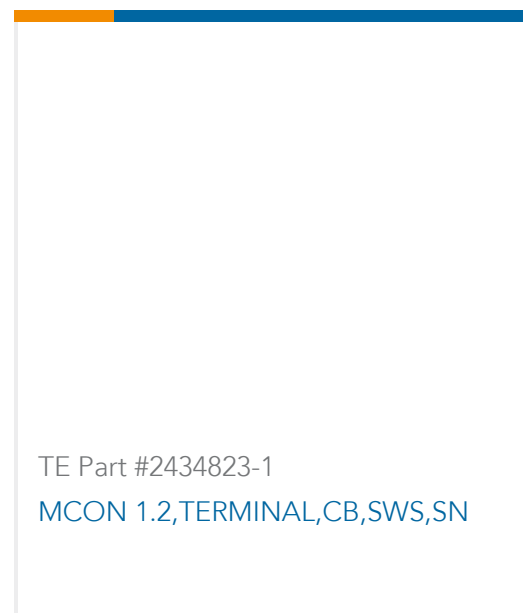
TE Part #2050986-1  
REM0.64 Terminal



TE Part #2299987-3  
65W PLUG ASSEMBLY



TE Part #2435084-1  
MT 2, TERMINAL, REC 1.6 CONTACT SWS SN



TE Part #2434823-1  
MCON 1.2, TERMINAL, CB, SWS, SN

## Documents

### Product Drawings

[5ATM 12P PLUG ASSY](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1897462-2\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1897462-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

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English

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