

4-1703843-2 ACTIVE

AMP | Heavy Duty Sealed Connector Series

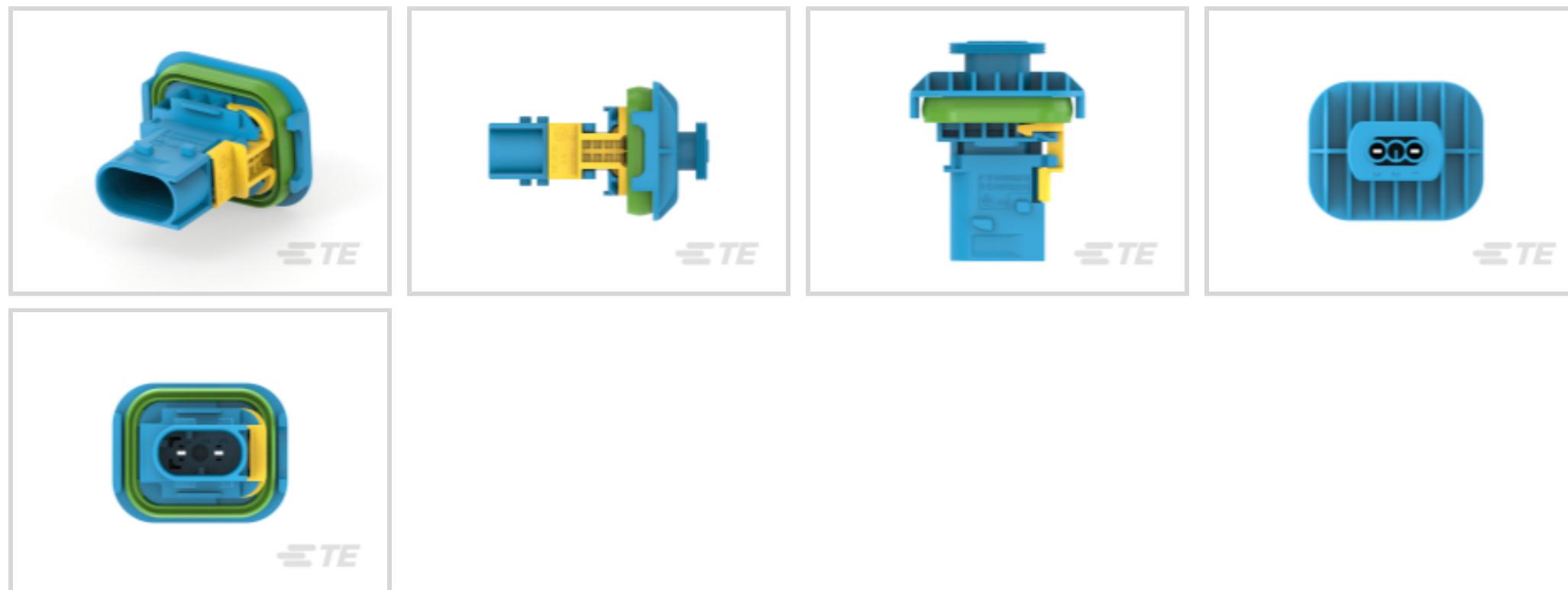
TE Internal #: 4-1703843-2

2 Position Housing, Housing for Male Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Blue, Wire & Cable, Power

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Automotive Parts > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings



Connector & Housing Type: Housing for Male Terminals

Number of Positions: 2

Sealable: Yes

Operating Temperature Range: -40 – 140 °C [-40 – 284 °F]

Number of Rows: 1

[All Heavy Duty Sealed Connector Series Housings \(176\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male 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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V

Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Blue
Connector & Keying Code	D

Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	20 A

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Product Width	47.05 mm[1.852 in]
Product Length	37.5 mm[1.476 in]
Connector Height	29.8 mm[1.173 in]

Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
Operating Temperature (Max)	140 °C[284 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Carton
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Packaging Quantity	450
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

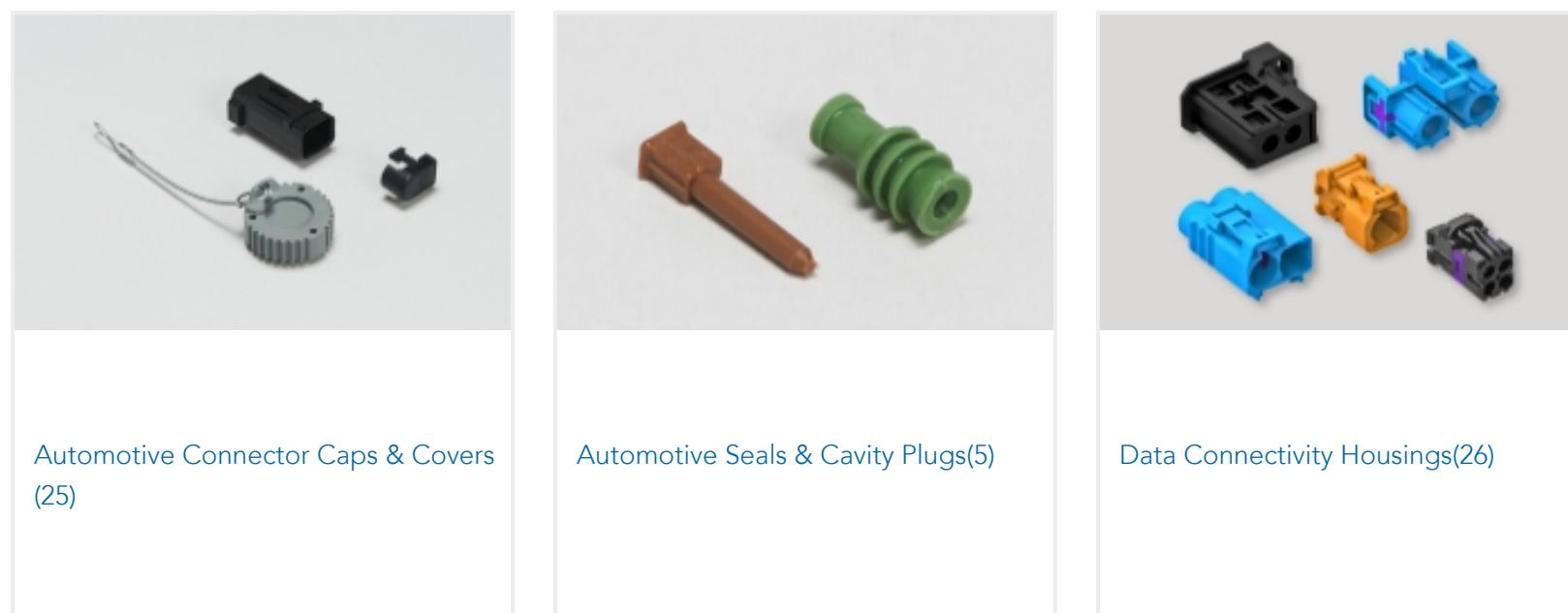
Product Compliance Disclaimer

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 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.

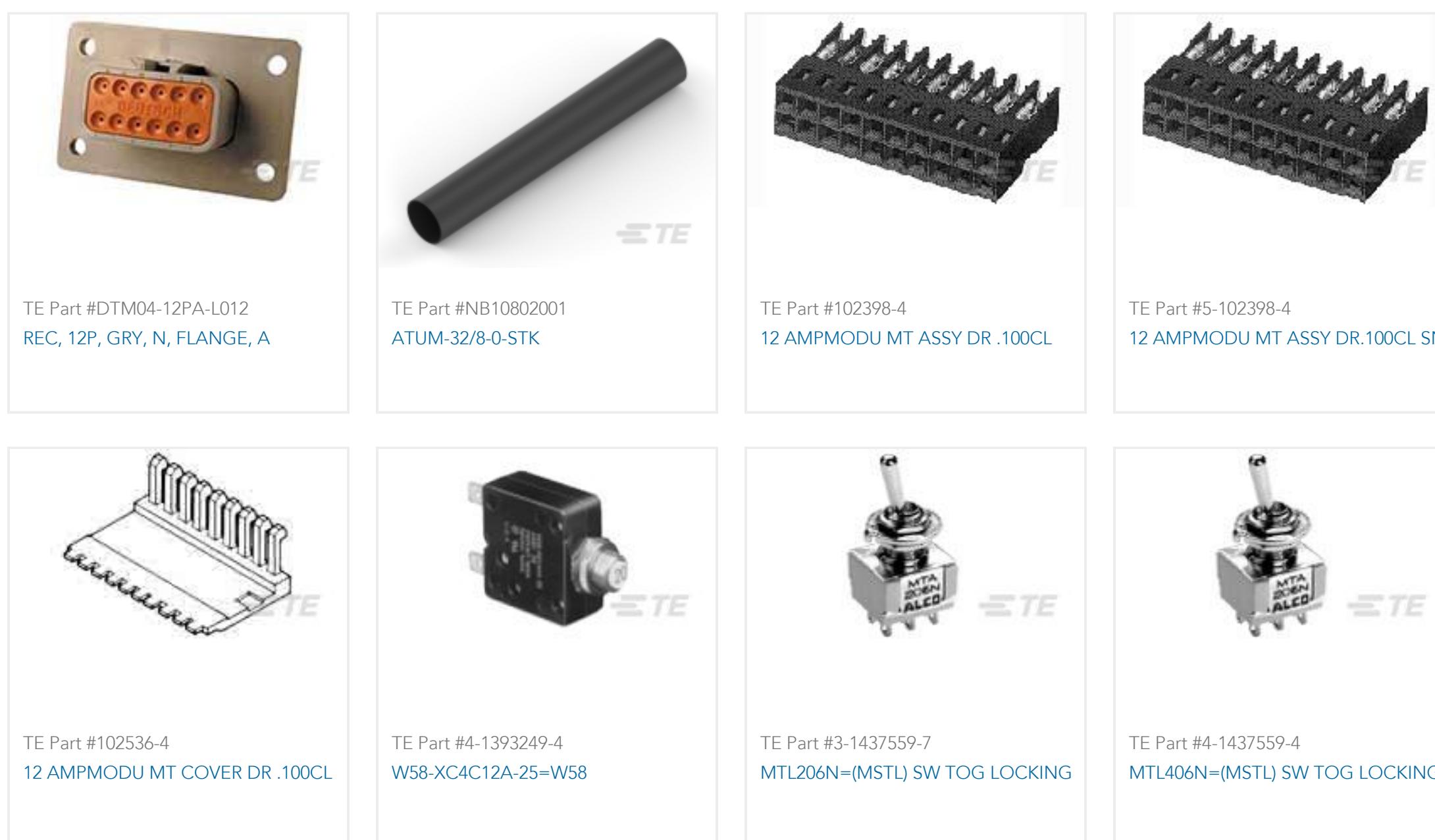
Compatible Parts

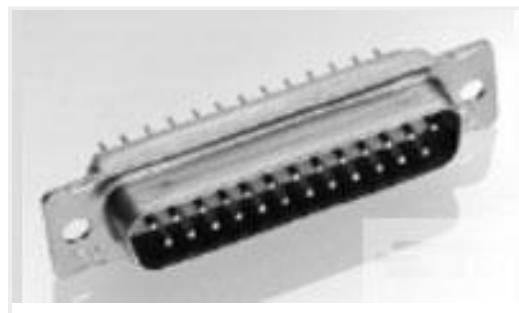


Also in the Series | Heavy Duty Sealed Connector Series



Customers Also Bought



TE Part #1757820-1
AMPLIMITE,ASY,RCPT,STD,109,ZN,1TE Part #2103124-2
HVA280 2P HEADER ASSY, KEY B

Documents

Product Drawings

[2POS,1.6X0.6,TAB HSG ASSY,SLD,COD D](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_4-1703843-2_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1703843-2_H.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_4-1703843-2_H.3d_igs.zip](#)

English

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Product Specifications

[Application Specification](#)

English