

2-2299782-2 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-2299782-2

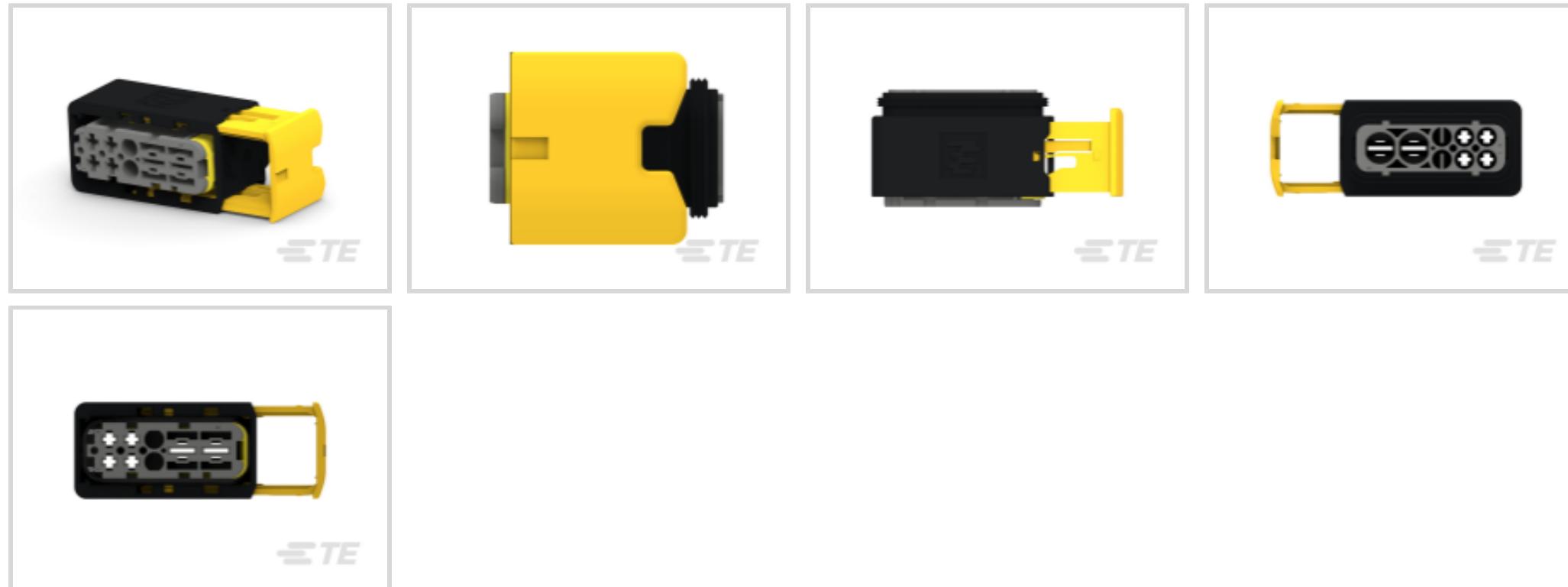
Housing for Female Terminals, Wire-to-Wire, 6 Position, .24 in / .

354 in [6 mm / 9 mm] Centerline, Sealable, Gray, Heavy Duty Sealed Connector Series

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



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

Number of Positions: **6**

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

Centerline (Pitch): **6 mm, 9 mm [.24 in, .354 in]**

Sealable: **Yes**

[All Heavy Duty Sealed Connector Series Housings \(204\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
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	Integrated in Housing

Configuration Features

Blank Cavity Position	2
Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
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Nominal Voltage Architecture	60 V
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Body Features

Cable Exit Angle	180°, 90°
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Primary Product Color	Gray
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Connector & Keying Code	B
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Contact Features

Contact Size	2.8mm, 6.3K
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Contact Type	Receptacle
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Mating Tab Width	2.8 mm, 6.3 mm[.11 in][.25 in]
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Mechanical Attachment

Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Keyed
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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)	6 mm, 9 mm[.24 in][.354 in]
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Dimensions

Connector Height	31.25 mm
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Product Width	25.7 mm
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Product Length	67.2 mm
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Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
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Operating Temperature Range	-40 - 140 °C[-40 - 284 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP67, IP69K
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Compatible With Agency/Standards Products	DIN IEC 512
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

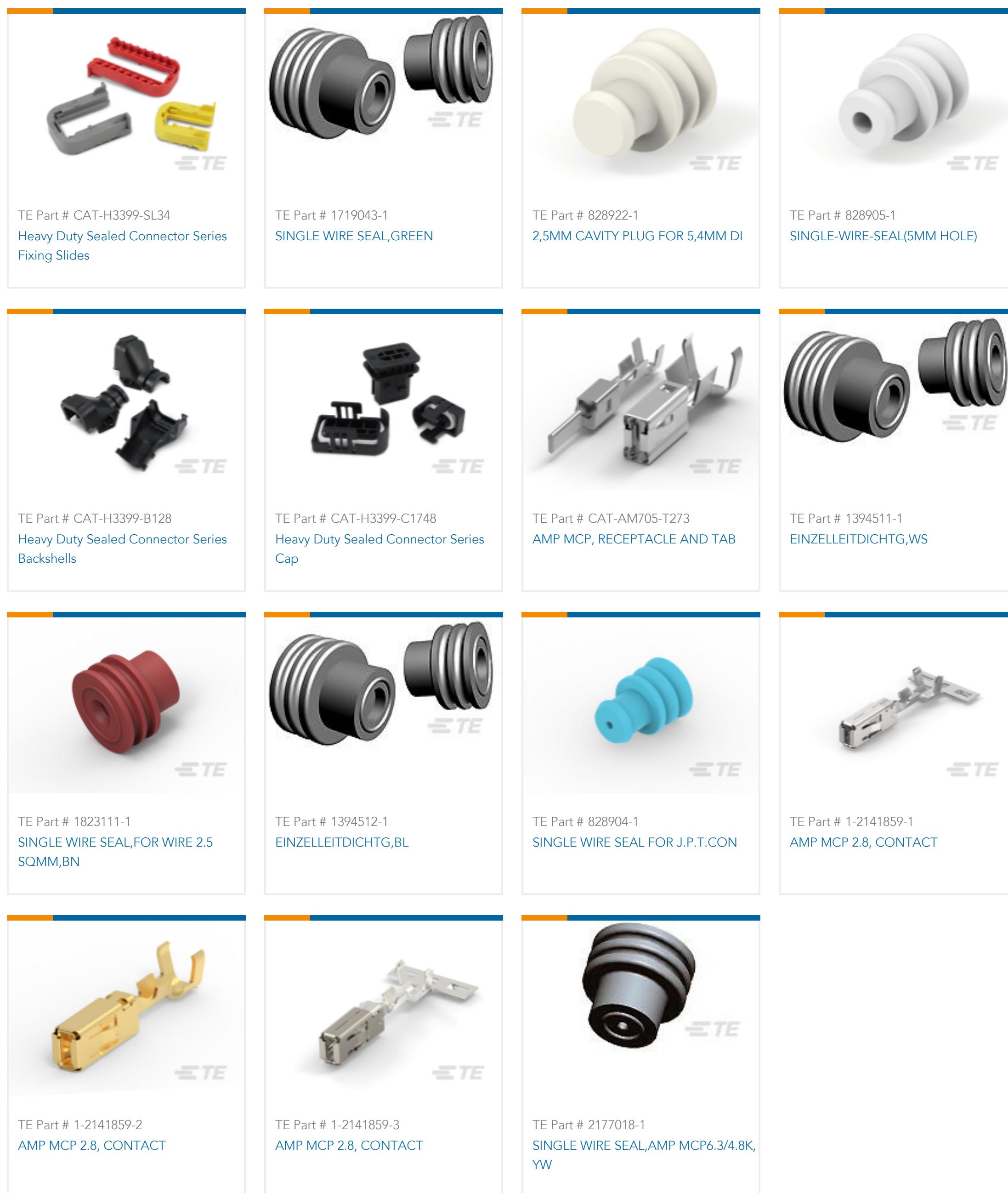
For compliance documentation, visit the product page on [TE.com](https://te.com)>

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

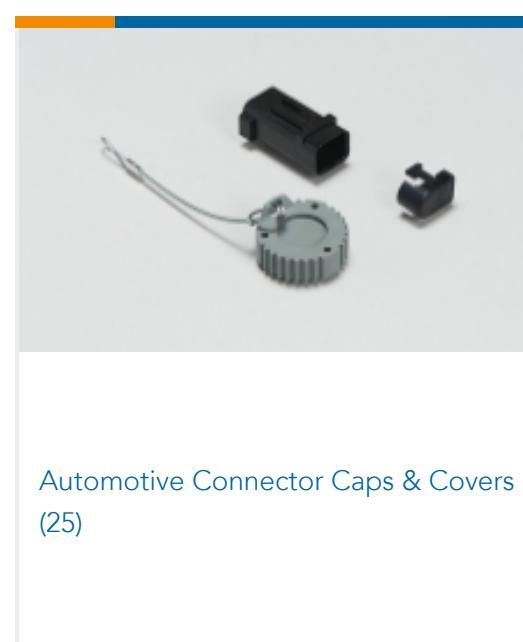
Product Compliance Disclaimer

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>

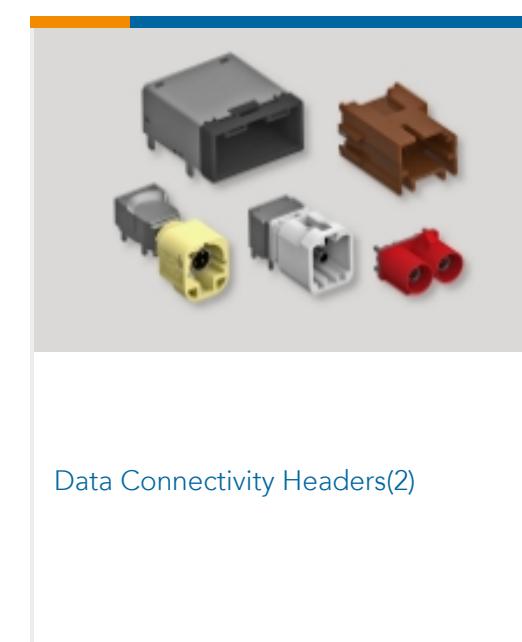
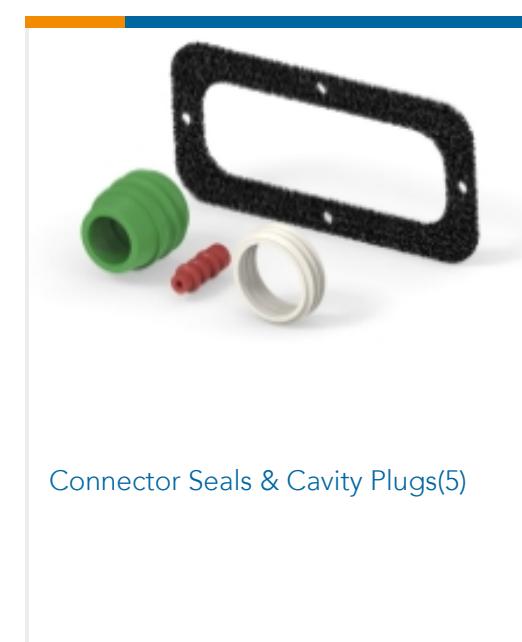
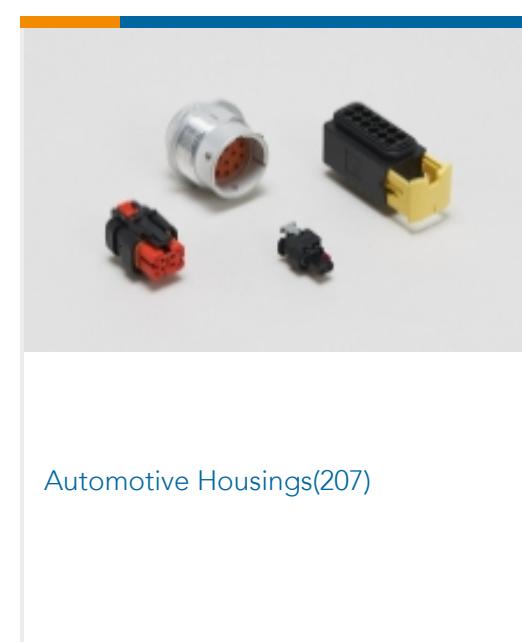
Compatible Parts



Also in the Series

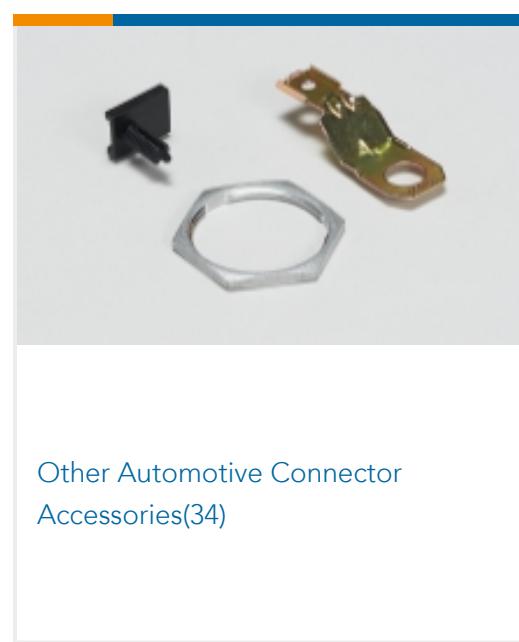


Heavy Duty Sealed Connector Series





Data Connectivity Housings(16)

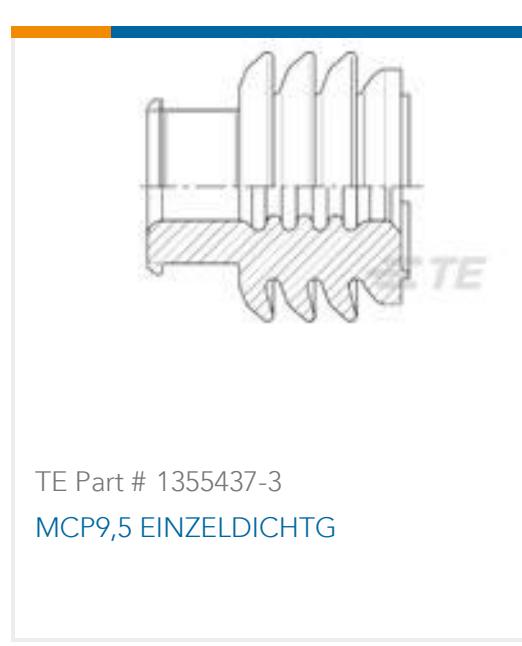


Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)

Customers Also Bought

TE Part # HDP26-24-31PE-L015
PLG, 31P, BLK, E, THD, 16, PTE Part # DT04-08PA-CE01
REC, 8P, GRY, E, CAP, ATE Part # 1718295-1
COVER FOR 62 POS TAB HEADER ASSYTE Part # 1-967623-3
JUN-POW-TIM GEH 15PTE Part # 2-968318-1
12POS MQS REC COD BTE Part # 0989076023
RBK-ILS-125-NR2-0-60MMTE Part # DT06-6S-CE01
PLG, 6P, GRY, E, CAPTE Part # 444510-1
HSG 10P COMBINEDTE Part # 1355437-3
MCP9,5 EINZELDICHTGTE Part # 282991-4
20 P.070 NEW GENERATION ASSY C

Documents

Product Drawings

[8POS,MIXED,REC HSG,ASSY,SLD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-2299782-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2299782-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2299782-2_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

Product Specifications

[Application Specification](#)

English