

1544317-1

✓ ACTIVE

AMP | NG Power Terminals and Connectors, NG1

TE Internal #: 1544317-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, .472 in [12 mm] Centerline, Sealable, Black, Wire & Cable, Signal, Hybrid

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Connectors > Automotive Connectors > Automotive Housings

Connector System: **Wire-to-Wire**Number of Positions: **2**Connector & Housing Type: **Housing for Female Terminals**Centerline (Pitch): **12 mm [.472 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	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	13 VDC
Nominal Voltage Architecture	13 V

Body Features

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

Contact Features

Contact Size	8mm
Contact Type	Receptacle
Mating Tab Width	8 mm [.314 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	PBT
Centerline (Pitch)	12 mm [.472 in]

Dimensions

Connector Height	29.8 mm [1.173 in]
Product Width	29.8 mm [1.173 in]
Product Length	34.6 mm [1.362 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	750
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

Product Compliance

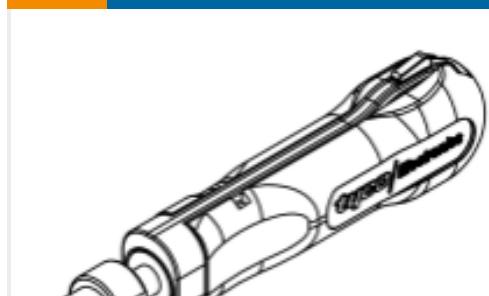
For compliance documentation, visit the product page on TE.com>

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 applicable for solder process capability

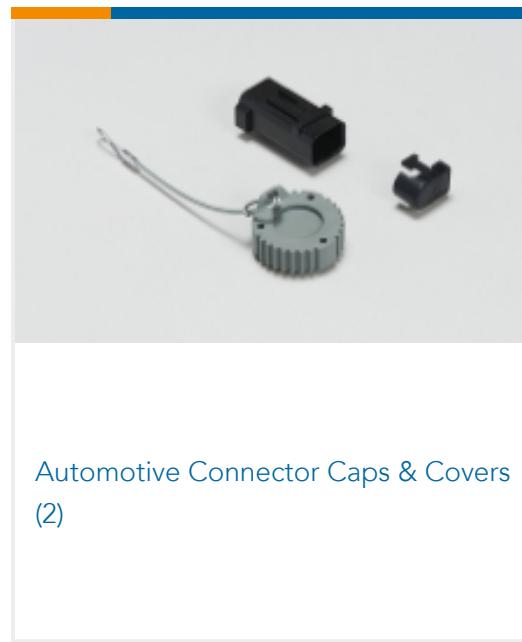
Product Compliance Disclaimer

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>

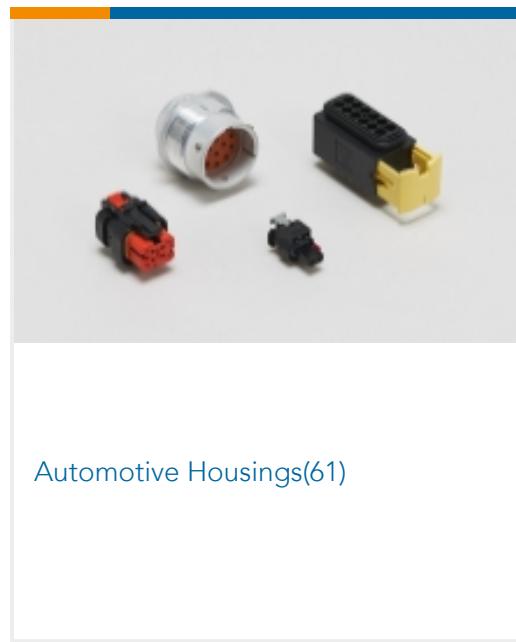
Compatible Parts

			
TE Part # 1544334-1 PL 2V 8MM NG1 MONT	TE Part # 1544228-1 CLIP 8 MM NG1-1 PO	TE Part # 1544227-1 CLIP 8 MM NG1-1 PO	TE Part # 1579018-3 INSERTION TOOL
			
TE Part # 8-1579008-3 INSERTION TOOL	TE Part # 1544434-1 BOITIER PC 2 VOIES		

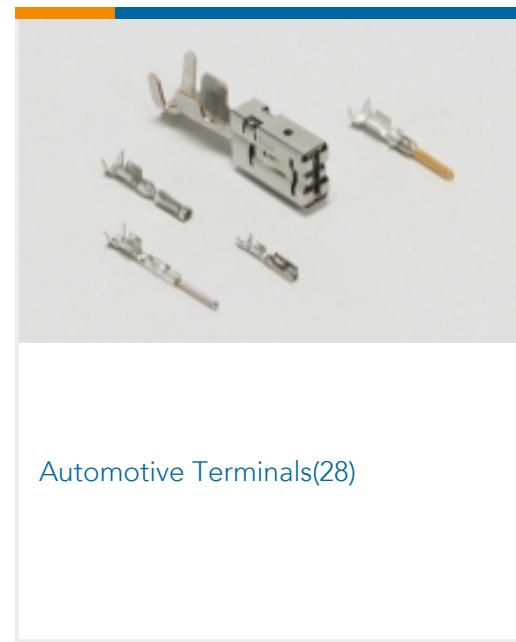
Also in the Series | NG Power Terminals and Connectors



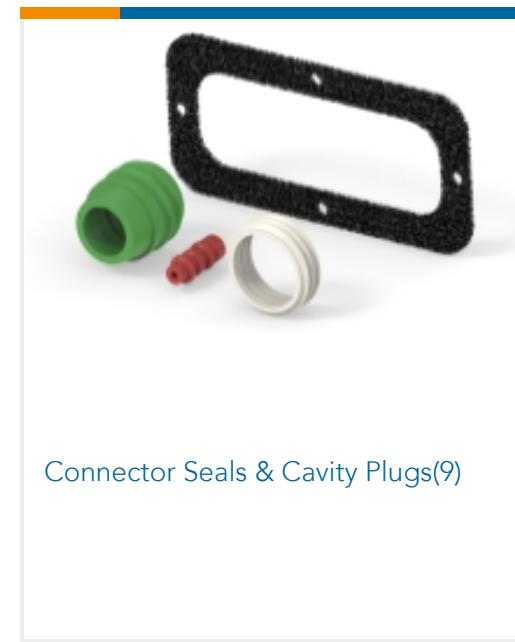
Automotive Connector Caps & Covers (2)



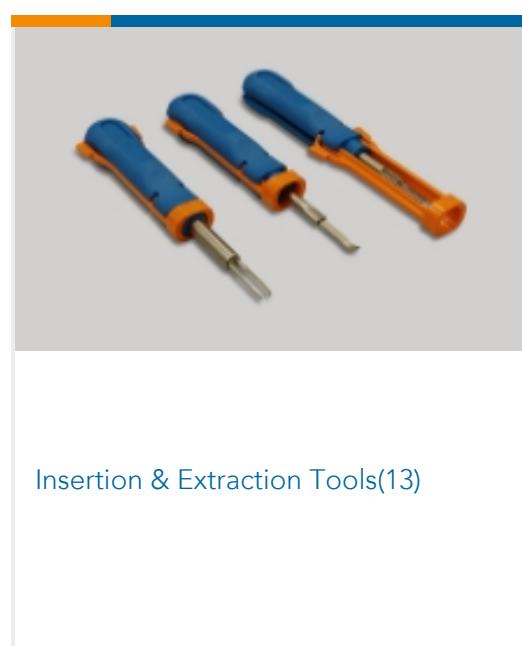
Automotive Housings(61)



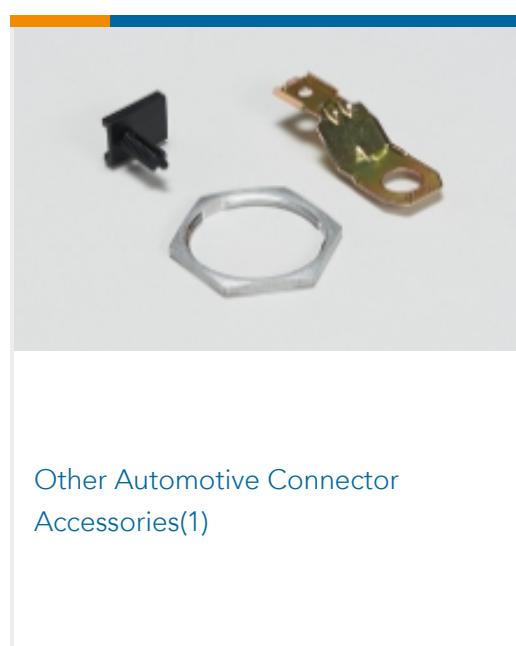
Automotive Terminals(28)



Connector Seals & Cavity Plugs(9)

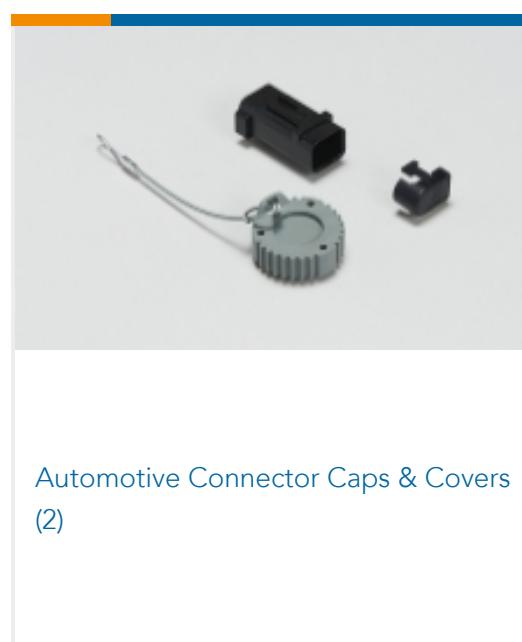


Insertion & Extraction Tools(13)

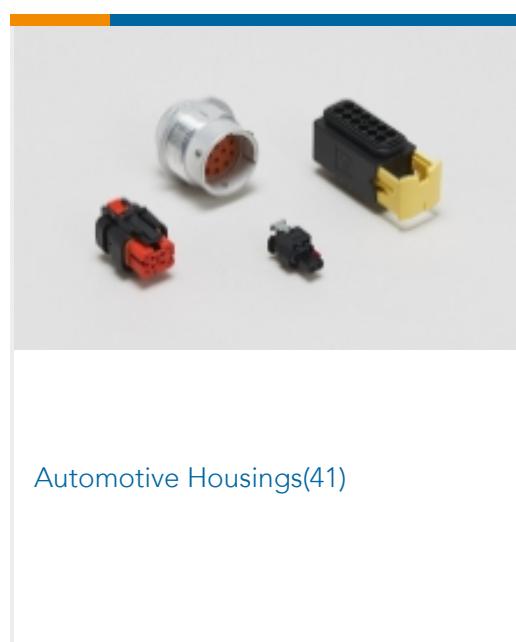


Other Automotive Connector Accessories(1)

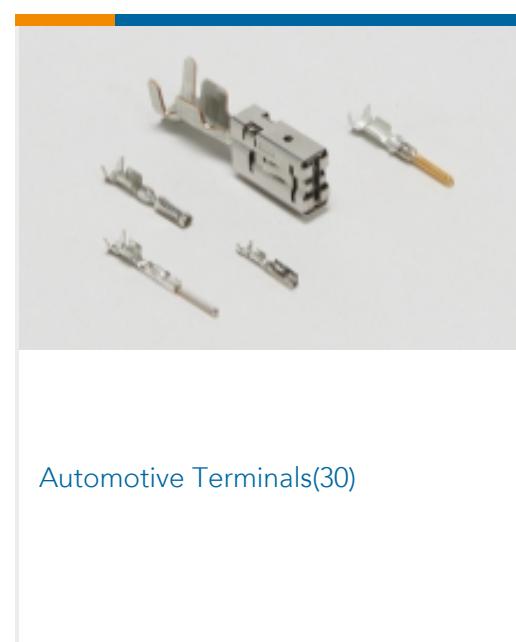
Also in the Series | NG1



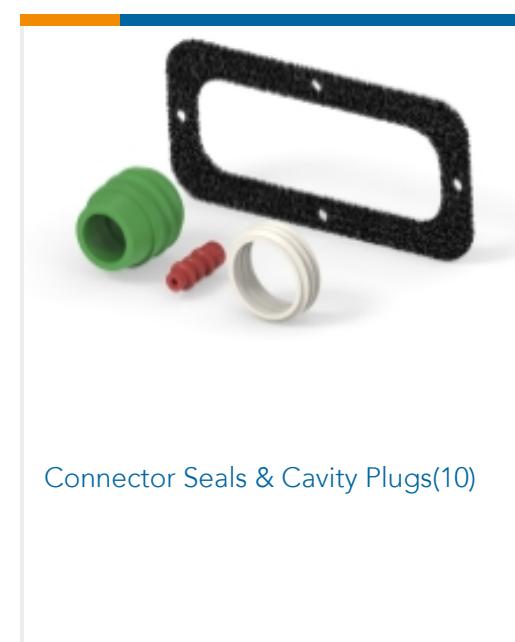
Automotive Connector Caps & Covers (2)



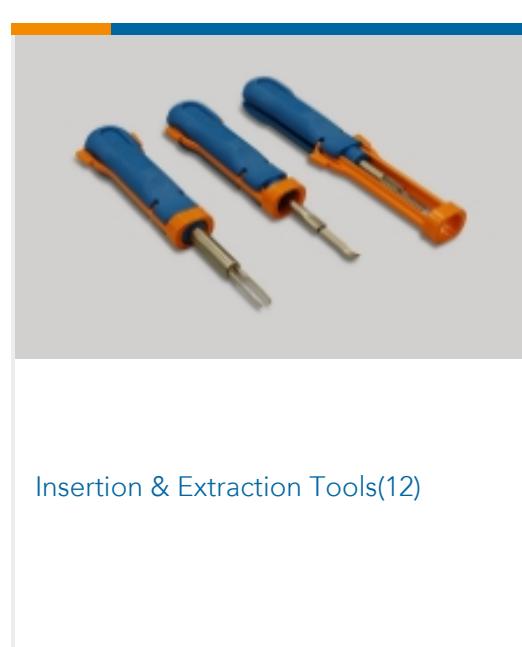
Automotive Housings(41)



Automotive Terminals(30)

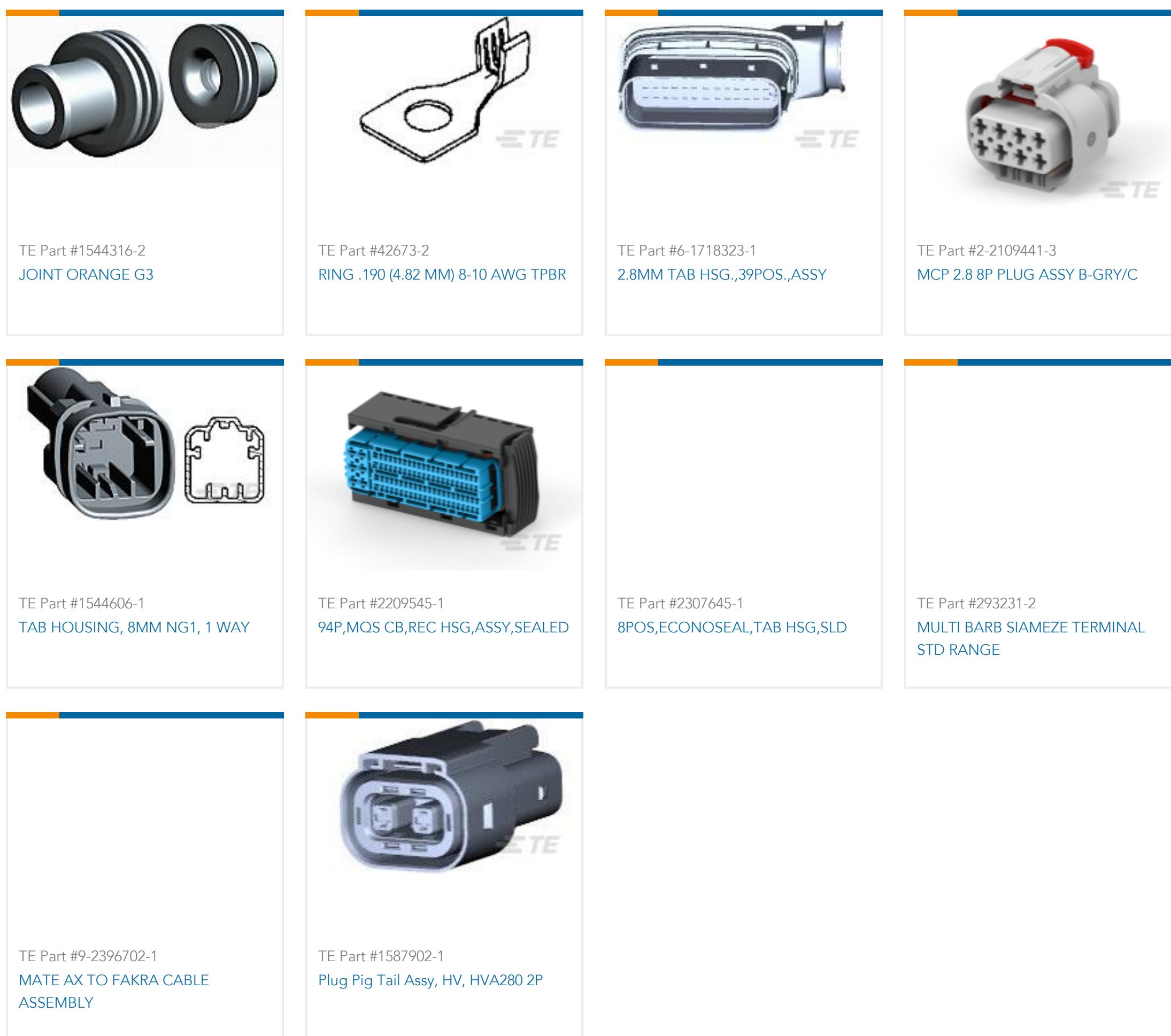


Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(12)

Customers Also Bought



Documents

Product Drawings

[PC 2V 8MM WP NG1 N](#)

English

[PC 2V 8MM WP NG1 N](#)

English

[PC 2V 8MM WP NG1 N](#)

English

CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG_CVM_1544317-1_F.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_1544317-1_F.3d_stp.zip](#)

English

[Customer View Model](#)

[ENG_CVM_1544317-1_F.2d_dxf.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

French

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

French