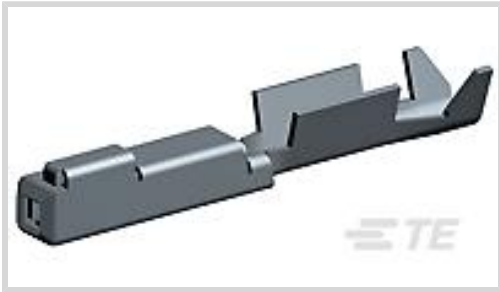




Terminals & Splices > Automotive Terminals > TH/.025 CONNECTOR SYSTEM, RECPT AND TAB



Terminal Type: **Receptacle**
Mating Tab Width: **.64 mm [.025 in]**
Mating Tab Thickness: **.64 mm [.025 in]**
Terminal Transmits: **0 - 24 A (Low Power)**
Wire Size: **18 - 16 AWG**

[All TH/.025 Connector System, Recpt and Tab \(23\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	6 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions



Compatible Insulation Diameter Range	1.6 - 2.1 mm[.063 in]
Wire Size	.75 - 1.25 mm ²
Wire Size Search	16 AWG, 17 AWG, 18 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	7000
Packaging Method	Reel

Other

Terminal Transmits	0 - 24 A (Low Power)
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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

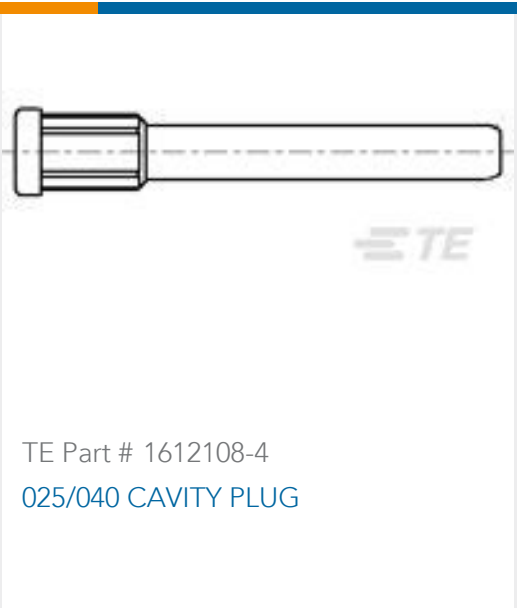
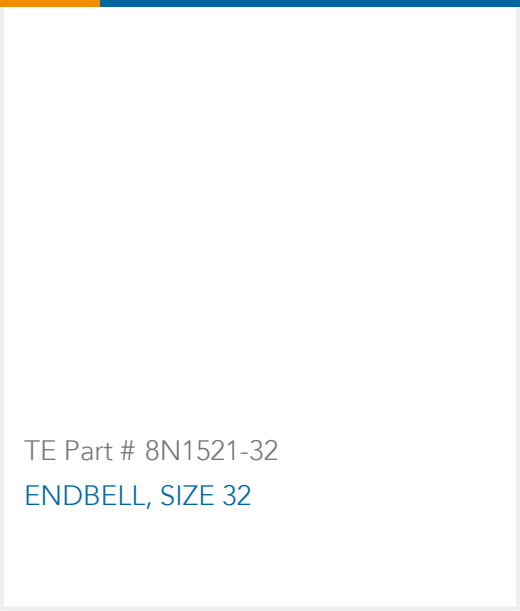
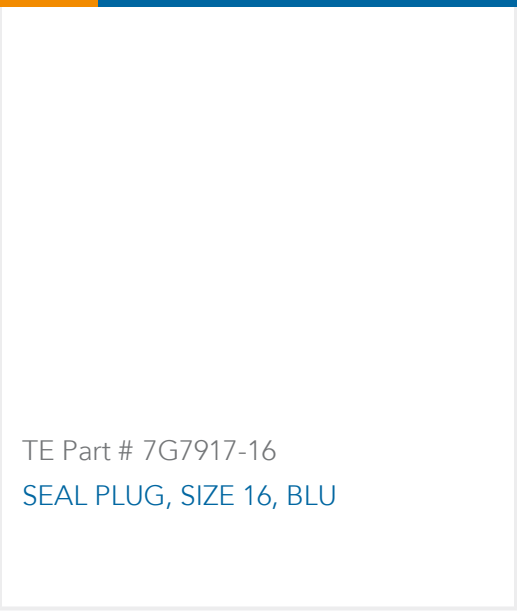
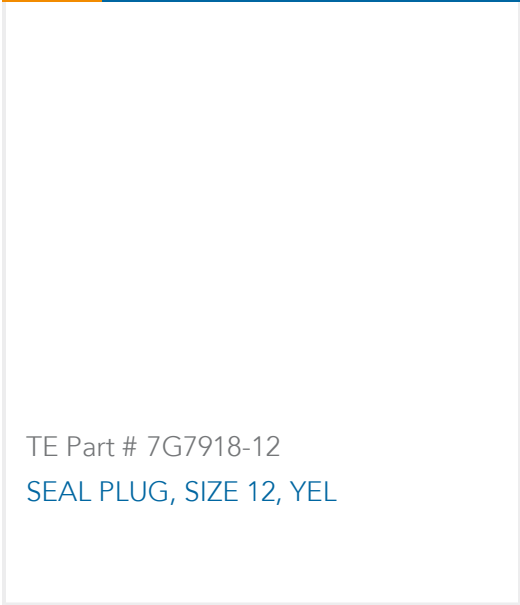
TE Part # CAT-T319-CH8172 TH/.025 CONNECTOR SYSTEM, HOUSING	TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	TE Part # 2836430-1 OCEAN_2.0_APPLICATOR-S- 070F086O-RSM	TE Part # 2836430-2 OCEAN_2.0_APPLICATOR-S- 070F086O-RSA
TE Part # 7-2836430-7 OCEAN_2.0_SPARE_PART_KIT- 070F086O	TE Part # 1747331-1 HEADER ASSEMBLY		

Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers (10)	Automotive Connector Locks & Position Assurance(3)	Automotive Housings(455)	Automotive Terminals(115)
Connector Seals & Cavity Plugs(2)	Insertion & Extraction Tools(6)	Other Automotive Connector Accessories(12)	PCB Headers & Receptacles(152)

Customers Also Bought



 TE Part # 1717138-5 TH/.025 CONNECTOR SYSTEM, HOUSING	 TE Part # W8P-P004 WEDGE LOCK	 TE Part # DT06-12SA-CE11 PLG, 12P, BLK, E, SEAL RET, ENH KEY, CAP, A	 TE Part # 1612108-4 025/040 CAVITY PLUG
 TE Part # 2292906-1 2POS, MCON 1.2, REC HSG ASSY, SLD, COD A	 TE Part # 2292937-1 2POS, 1.2X0.6, TAB HSG ASSY, SLD, COD A	 TE Part # 8N1521-32 ENDBELL, SIZE 32	 TE Part # 7G7917-16 SEAL PLUG, SIZE 16, BLU
 TE Part # 7G7918-12 SEAL PLUG, SIZE 12, YEL			

Documents

Product Drawings
.040 SEALED REC CONT

English

CAD Files
Customer View Model
ENG_CVM_CVM_1318332-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1318332-1_G.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1318332-1_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



TH/.025 Connector Series

English

Product Specifications

Crimping CLEAN BODY 025/040 Receptacle Contact

English

Application Specification

English

Application Specification

Japanese

Crimping CLEAN BODY 025/040 Receptacle Contact

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

The Extraction Tool for 025/040 Clean Body Connector

Japanese

Instruction Sheet (non U.S.)

Japanese