

1717148-1 ✓ ACTIVE

TH/.025 Connector System

TE Internal #: 1717148-1

Automotive Terminals, Receptacle, Mating Tab Width .64 mm [.025 in], Tab Thickness .64 mm [.025 in], 22 – 20 AWG Wire Size, TH/.025 Connector System

[View on TE.com >](#)



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: **22 – 20 AWG**

[All TH/.025 CONNECTOR SYSTEM, RECPT AND TAB \(27\)](#)

Features

Product Type Features

| | |
|-------------------------|------------|
| Receptacle Style | 180° |
| Sealable | Yes |
| Primary Locking Feature | Clean Body |

Body Features

| | |
|--------------------|-------------|
| Terminal Seal Type | Family Seal |
|--------------------|-------------|

Contact Features

| | |
|--|------------------|
| Contact Size | .63mm |
| Contact Fabrication | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin |
| Typical Current Rating | 3 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 | 1.1 – 1.6 mm |
| Wire Size | .3 – .5 mm ² |
| Wire Size Search | 20 AWG, 21 AWG, 22 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 |
|------------------------------------|--------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 9000 |
| Packaging Method | Reel |

Other

| | |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
|--------------------|----------------------|

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # 1473842-2
CLEAN BODY 025 CONNECTOR 10POS



TE Part # 2-2151740-1
OCEAN_2.0_Applicator-S-055F0700



TE Part # 2-2151740-2
OCEAN_2.0_Applicator-S-055F0700




TE Part # 2151740-1
OCEAN_2.0_Applicator-S-055F0700



TE Part # 2151740-2
OCEAN_2.0_Applicator-S-055F0700



TE Part # 7-2151740-7
OCEAN_2.0_SPARE_PART_KIT-055F0700

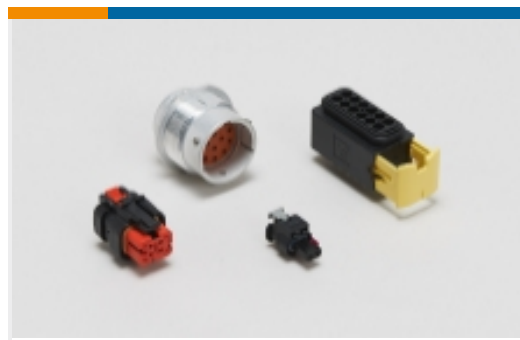


TE Part # 1747331-1
HEADER ASSEMBLY

Also in the Series | TH/.025 Connector System



Automotive Connector Caps & Covers (6)



Automotive Housings(223)



Automotive Terminals(26)



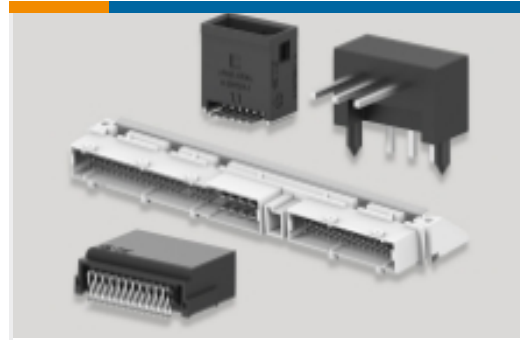
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(4)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(163)

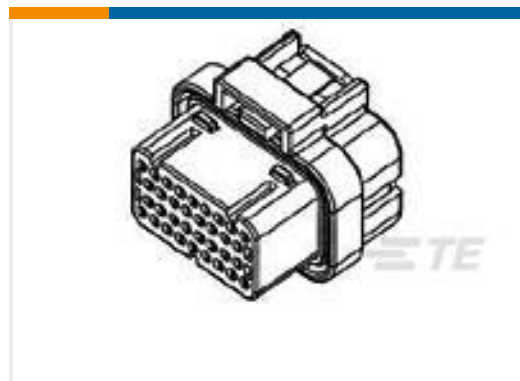
Customers Also Bought



TE Part #DRB12-48PAE-L018
DEUTSCH DRB Housings



TE Part #1717138-6
025/040 SEALED 44POS PLUG ASSY



TE Part #3-1437290-7
26POS,SUPERSEAL,REC HSG ASSY,
SLD,COD 1



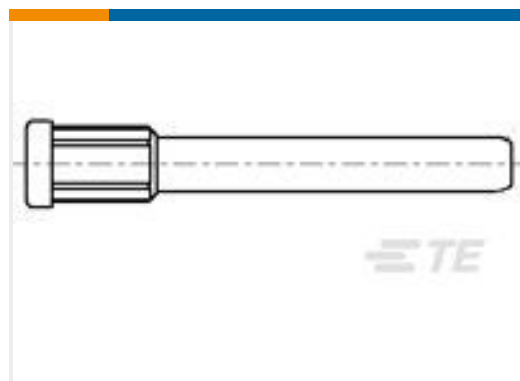
TE Part #316836-1
040-3 REC CONT. S



TE Part #2822391-1
070 ECONOSEAL MARK-2+ PLUG 4P



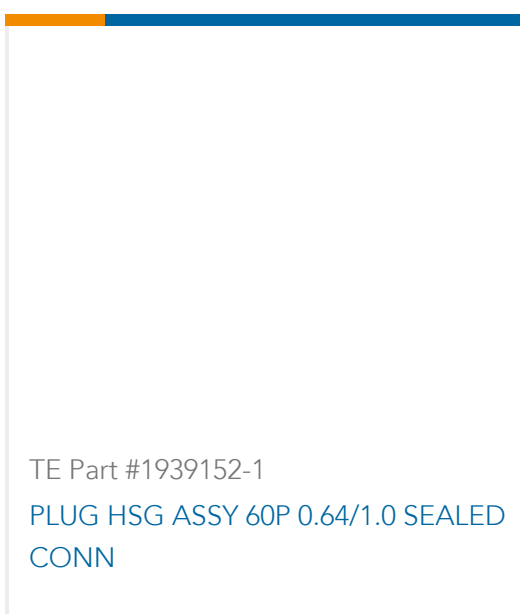
TE Part #2069748-1
0.64II CONNECTOR 1ROW 4POS
PLUG HOUSING



TE Part #1612108-4
025/040 CAVITY PLUG



TE Part #2319021-2
REC CONN CVR,8POS,AMP MCP 2.8,
FRB



TE Part #1939152-1
PLUG HSG ASSY 60P 0.64/1.0 SEALED
CONN

Documents



Product Drawings

REC CONT ASSY S RANGE 025 CLEA

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1717148-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1717148-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1717148-1_B.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

CLEAN BODY 025 10POSITIONS CONNECTOR

English

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese

025 T.P.S. CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese

The Extraction Tool for 025/040 Clean Body Connector

Japanese

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Automotive Terminals, Receptacle, Mating Tab Width .64 mm [.025 in], Tab Thickness .64 mm [.025 in], 22 – 20 AWG Wire Size, TH/.025 Connector System



Instruction Sheet (non U.S.)

Japanese