

1379659-1 ✓ ACTIVE



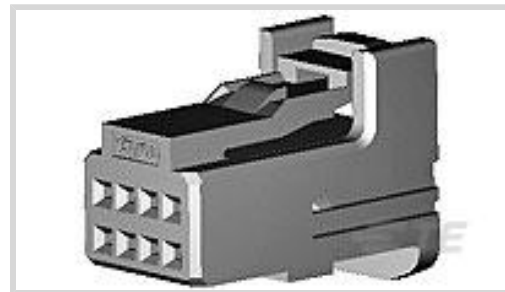
TH/.025 Connector System

TE Internal #: 1379659-1

Housing for Female Terminals, Wire-to-Wire / Wire-to-Board, 8 Position, .087 in [2.2 mm] Centerline, Black, Wire & Cable, TH/.025 Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



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

Mating Tab Width: **.63 mm [.025 in]**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **8**

Centerline (Pitch): **2.2 mm [.087 in]**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(217\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	14 VDC
Nominal Voltage Architecture	12 V, 14 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	1



Contact Features

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	4 A

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)	2.2 mm[.087 in]

Dimensions

Connector Height	15.8 mm[.622 in]
Product Width	21 mm[.827 in]
Product Length	13 mm[.512 in]
Row-to-Row Spacing	3 mm[.118 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	1100
Packaging Method	Box

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: 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 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



TE Part # 1565804-1
025 G 8POS CAP ASSY W TO W



TE Part # CAT-T319-T273
TH/.025 CONNECTOR SYSTEM,
RECPT AND TAB



TE Part # CAT-SIGH262
Signal Header



TE Part # 1802824-1
HEADER ASSY,8w .025 SERIES, R.

Also in the Series | [TH/.025 Connector System](#)



Automotive Connector Caps & Covers (6)



Automotive Housings(223)



Automotive Terminals(26)



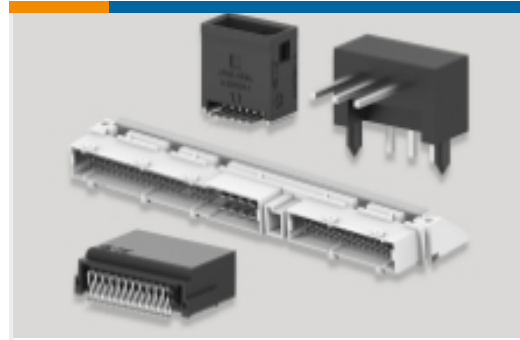
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(4)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(163)

Customers Also Bought



TE Part #1379029-6
4POS MQS REC



TE Part #1379662-5
12W PLUG HSG ASSY NATURAL



TE Part #2238067-1
PTL TAB CONTACT, 18 AWG



TE Part #1544647-1
BFH 5



TE Part #1379095-2
COV+LEV MQS 12W 0DEG BLUE



TE Part #1801175-1
2W RECEPTACLE HP CONNECTOR BLACK



TE Part #1801432-1
RCPT CONT, 8MM NG1+, MAXIFUSE, 5-6 MM2



TE Part #1801600-2
RECEPTACLE HOUSING, MCON, 10 W, SEALED



TE Part #1801619-1
RELAY 70A HOLDER



TE Part #2282154-2
6POS,NANOMQS,REC HSG,CODB

Documents



Product Drawings

8W PLUG HOUSING ASSY BLAC

English

8W PLUG HOUSING ASSY BLAC

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1379659-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1379659-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1379659-1_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

Packaging specification for TH Tab en Plug (TH TES)

English

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English