



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



Nominal Voltage Architecture: 12 V

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

Number of Positions: 8

Sealable: **No**

Operating Temperature Range: -30 – 105 °C [-22 – 221 °F]

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(167\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
-------------------	--------



Nominal Voltage Architecture	12 V
Body Features	
Cable Exit Angle	180 °
Primary Product Color	Natural
Contact Features	
Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Mechanical Attachment	
Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Polybutylene Terephthalate (PBT)
Centerline (Pitch)	2.2 mm[.087 in]
Dimensions	
Row-to-Row Spacing	3 mm[.118 in]
Product Width	21 mm[.83 in]
Product Length	15.8 mm[.61 in]
Connector Height	11 mm[.43 in]
Usage Conditions	
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94HB
Packaging Features	
Packaging Quantity	100



Packaging Method	Bag
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

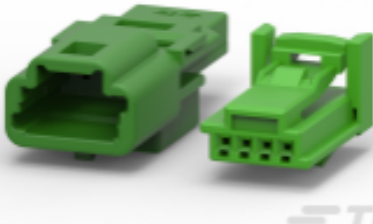
Product Compliance Disclaimer

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



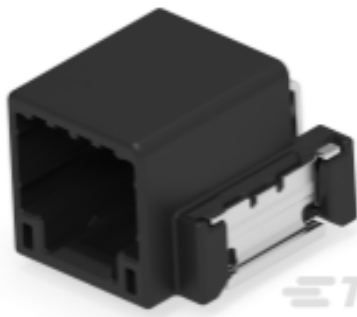
TE Part # CAT-PFSMTH9264
Press-Fit & SMT Header



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



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



TE Part # 2237149-2
8POS, TAB0.64X0.64, HDR ASSY,
90DEG, SMD



TE Part # CAT-SIGH262
Signal Header



TE Part # CAT-HPCH5372
High Pin Count Header



TE Part # 2237149-1
8POS, TAB0.64X0.64, HDR ASSY,
90DEG, SMD

Also in the Series | 0.64/025 Connector System



Automotive Connector Locks &
Position Assurance(1)



Automotive Housings(173)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Connector
Housings(173)



Other Automotive Connector
Accessories(4)

Customers Also Bought



TE Part #172890-3
3P 2MM MINI AMP-IN HDR HSG



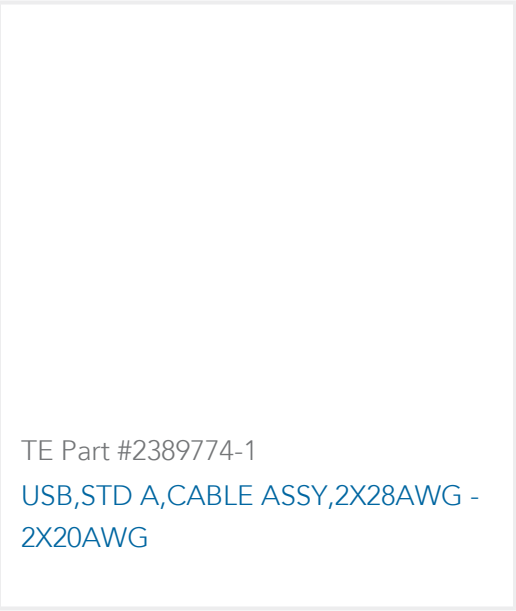
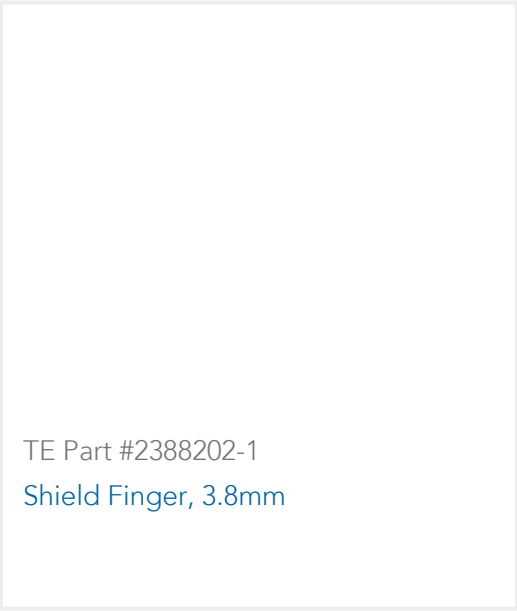
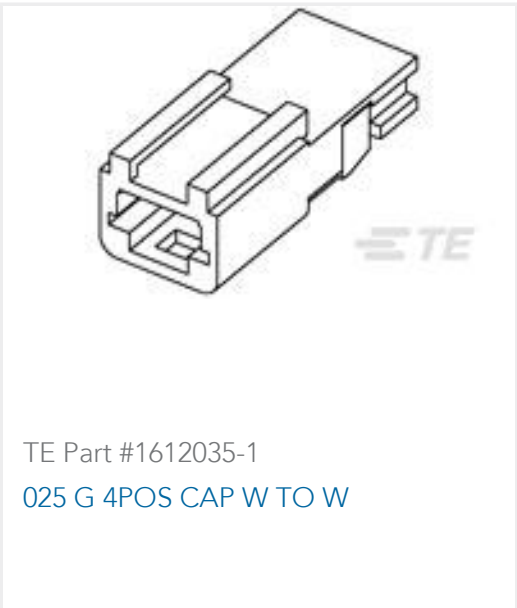
TE Part #172890-4
4P 2MM MINI AMP-IN HDR HSG



TE Part #4-175630-4
1.25FP, R14, DL, O, N, TR



TE Part #4-176891-4
1.25FP, P14, DL, O, N, TR, 5.00, 6.90



Documents

Product Drawings

025 I/O PLUG HSG ASSY 8P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1376352-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1376352-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_1376352-1_A1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese

Instruction Sheets

025 G Wire to Wire Connector

Japanese



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

Japanese

[025 G Wire to Wire Connector](#)

Japanese

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

Japanese

[025\(0.64\)/187\(4.8\) I/O CONNECTOR](#)

Japanese

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

Japanese

[025\(0.64\)/187\(4.8\) I/O CONNECTOR](#)

Japanese

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

Japanese

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

Japanese

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

English

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

English

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

Japanese

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

English

[025\(0.64\)/375\(9.5\) HYBRID Connector](#)

English

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

English

[025\(0.64\)/375\(9.5\) HYBRID Connector](#)

English