1318774-2 ✓ ACTIVE

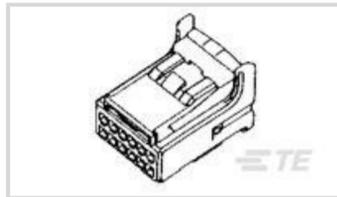## AMP | 0.64/025 Connector System

TE Internal #: 1318774-2

Housing for Female Terminals, Wire-to-Board / Wire-to-Wire / Wire-to-Device, 12 Position, .087 in [2.2 mm] Centerline, 0.64/025 Connector System

View on TE.com >

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

Number of Positions: 12

Connector & Housing Type: Housing for Female Terminals

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

Sealable: No

All TH/.025 CONNECTOR SYSTEM, HOUSING (192)

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

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Housing for Female Terminals, Wire-to-Board / Wire-to-Wire / Wire-to-Device, 12
Position, .087 in [2.2 mm] Centerline, 0.64/025 Connector System

Contact Size	.63mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarized
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	15.4 mm[.606 in]
Product Length	21 mm[.827 in]
Row-to-Row Spacing	5.9 mm[.232 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 - 105 °C[-22 - 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

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Housing for Female Terminals, Wire-to-Board / Wire-to-Wire / Wire-to-Device, 12
Position, .087 in [2.2 mm] Centerline, 0.64/025 Connector System

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
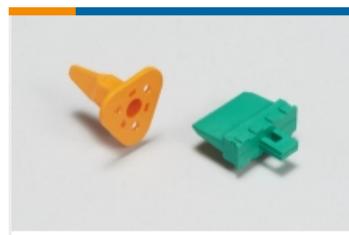
Compatible Parts

TE Part # CAT-SIGH262
Signal Header

TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING
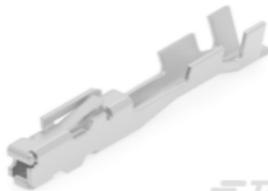
TE Part # 1123343-1
025 REC CONTACT

TE Part # 1-1473898-2
025 12 POS CAP ASSY V, 8 CKT

Also in the Series | 0.64/025 Connector System

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Housing for Female Terminals, Wire-to-Board / Wire-to-Wire / Wire-to-Device, 12 Position, .087 in [2.2 mm] Centerline, 0.64/025 Connector System

Automotive Connector Caps & Covers (5)

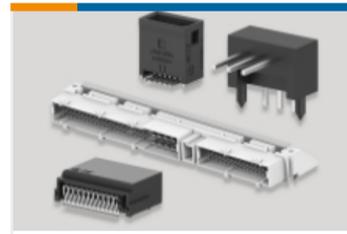Automotive Connector Locks & Position Assurance(1)

Automotive Housings(138)

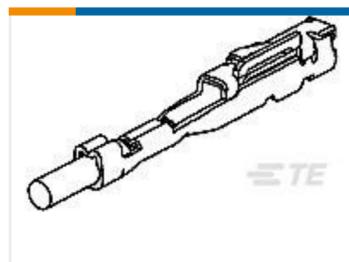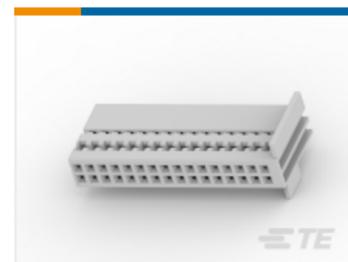Automotive Terminals(18)

Connector Seals & Cavity Plugs(1)

Other Automotive Connector Accessories(5)

PCB Headers & Receptacles(217)

Customers Also Bought

TE Part # 936233-1
MULTILOCK, CONNECTOR HOUSING

TE Part # 1123343-1
025 REC CONTACT

TE Part # 2005091-1
025 32P CAP ASSY

TE Part # 2050656-1
SOCKET HOUSING 32P., MQS

TE Part # 2298671-1
20POS,HYBRID,REC HSG ASSY, UNSLD,COD A

TE Part # 2050723-2
COVER FOR MQS HSG 2x16 POS ASSY

TE Part # 1438098-1
40 WAY PLUG ASSY KEY H

TE Part # 2298622-1
24POS,HYBRID,REC HSG ASSY, UNSLD,COD A

Documents

Product Drawings

025 ECU PLUG HSG ASY 12P BLACK

Japanese

CAD Files
Customer View Model

ENG_CVM_CVM_1318774-2_B.2d_dxf.zip

English

3D PDF

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Housing for Female Terminals, Wire-to-Board / Wire-to-Wire / Wire-to-Device, 12
Position, .087 in [2.2 mm] Centerline, 0.64/025 Connector System

3D

Customer View Model

ENG_CVM_CVM_1318774-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1318774-2_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 of 025 Receptacle Contact

Japanese

Application Specification

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese

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