1612035-1 ✔ ACTIVE

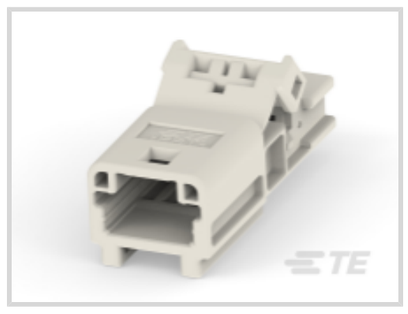
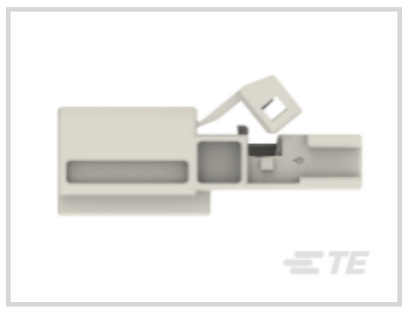
AMP | 0.64/025 Connector System

TE Internal #: 1612035-1

12 V, 4 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 2.2 mm [.086 in] Centerline, Natural, Wire & Cable, 0.64/025 Connector System

View on TE.com >

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




Nominal Voltage Architecture: **12 V**

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

Number of Positions: **4**

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 Male Terminals
Sealable	No
Primary Locking Feature	Clean Body
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	3
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Natural
Connector & Keying Code	A

Contact Features

Contact Size	.64mm
Contact Type	Tab
Mating Tab Width	.64 mm[.02 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
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[.086 in]

Dimensions

Product Width	14 mm[.55 in]
Product Length	33.9 mm[1.33 in]
Connector Height	12.15 mm[.47 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	200
Packaging Method	Bag

Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

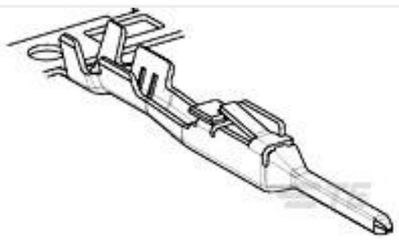
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) 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 # 1674742-1
025 TH TAB CONTACT

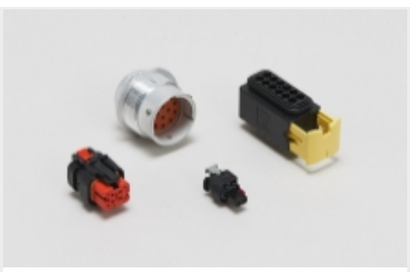


TE Part # 1473672-1
025 PLUG ASSY

Also in the Series | 0.64/025 Connector System



Automotive Connector Caps & Covers (6)



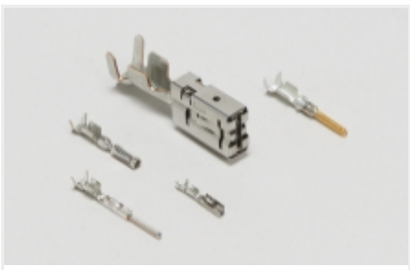
Automotive Housings(173)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Headers (152)

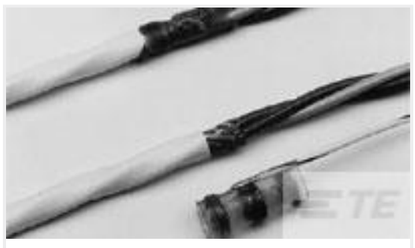


Automotive Terminals(20)

Customers Also Bought



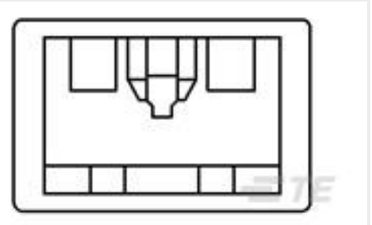
TE Part #DT04-12PA-LE06
REC, 12P, GRY, E, CAP, FLANGE, A



TE Part #E77815-000
B-155-1503



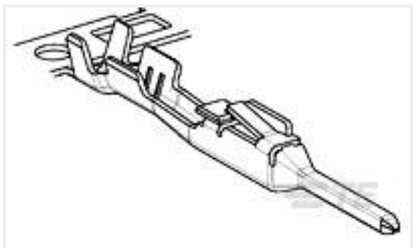
TE Part #3-644043-6
06P MTA100 CONN ASSY LF



TE Part #1318954-1
250 HSG. PL EX REC. NAT



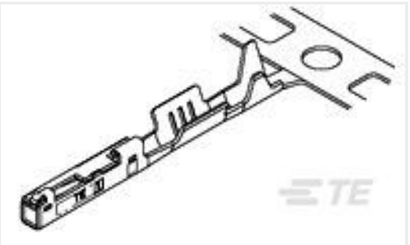
TE Part #1565749-3
025 4POS CAP ASSY



TE Part #1674742-1
025 TH TAB CONTACT



TE Part #1717109-2
0.64 III 16POS PLUG ASSY



TE Part #1827855-4
0.50 SERIES CONNECTER RECEPTACLE CONTACT



TE Part #316390-7
CAVITY PLUG FOR MINI M/LOCK



TE Part #502750-1
KIT,COUPLING RECEPT,2.5BAY,SM

Documents

Product Drawings

025 G 4POS CAP W TO W

English

CAD Files

Customer View Model

ENG_CVM_CVM_1612035-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1612035-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1612035-1_E.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 G Tab Contact

Japanese

Application Specification

Japanese

CRIMPING 025 TH TAB CONTACT

Japanese

Application Specification

Japanese