



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



Number of Positions: 126

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: .64 mm, 2.3 mm [.025 in, .09 in]

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

Centerline (Pitch): 3 mm, 5 mm [.12 in, .19 in]

[All TH/.025 Connector System, Housing \(171\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	37
Number of Positions	126
Number of Rows	6

Electrical Characteristics

Operating Voltage	12 VDC
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Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	.64mm, 2.3mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 2.3 mm[.025 in][.09 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	3 mm, 5 mm[.12 in][.19 in]

Dimensions

Row-to-Row Spacing	3 mm, 5 mm[.12 in][.19 in]
Product Width	36 mm[1.42 in]
Product Length	113.6 mm[4.47 in]
Connector Height	41.6 mm[1.64 in]

Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	No
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Packaging Features

Packaging Quantity	16
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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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # 1981831-1
WIRECOVER 126P TYPE VI 0.64/2.3II
SEALED



TE Part # 1612288-1
SEALED 0.64/2.3II 60POS LEVER



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



TE Part # 1746817-1
SEALED EFI ECU 60P PLUG WIRE
COVER



TE Part # 1746941-1
SEALED EFI ECU 126P PLUG WIRE COVER

TE Part # 1612281-1
SEALED 0.64/2.3II 126POS LEVER

TE Part # 1939393-1
0.64/2.3II SEALED CLIP

TE Part # 1747139-1
SEALED EFI ECU 126POS LEVER R

TE Part # 1747142-1
SEALED EFI ECU 60POS LEVER R

Also in the Series | 0.64/025 Connector System

Automotive Connector Caps & Covers (5)

Automotive Connector Locks & Position Assurance (1)

Automotive Headers (149)

Automotive Housings (120)

Connector Seals & Cavity Plugs (1)

Other Automotive Connector Accessories (4)

PCB Headers & Receptacles (149)

Rectangular Power Connectors (6)

Wire-to-Board Headers & Receptacles (149)

Customers Also Bought





TE Part #179631-1
DIAGNOSTIC PLUG HSG 16P NARU.



TE Part #969028-2
TAB A 1.6x0.6 CONTACT CF SWS Sn



TE Part #1674311-7
0.64 III RCPT 3 Serrations Pre-Tin



TE Part #316837-2
040-3 UNSEALED REC CONT. S AU



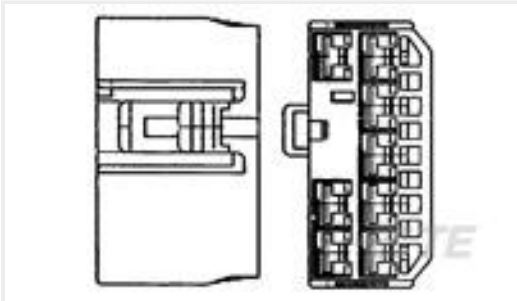
TE Part #350582-000
ES2000-NO.3-B8-0-35MM



TE Part #1564982-1
AMP MCP 2.8K, CONTACT



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



TE Part #175979-1
FF 187 PLUG HSG 8P NYLON NAT

Documents

Product Drawings

SEALED 0.64/2.3II 126POS PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1612275-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1612275-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1612275-3_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 SEALED 0.64 RECEPTACLE

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English



Instruction Sheet (non U.S.)

Japanese