1717138-5 ✔ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 1717138-5

12 V, 44 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.5 mm / 3 mm [.09 in / .12 in] Centerline, 0.64/025 Connector System

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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: **44**

Sealable: **Yes**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

All TH/.025 CONNECTOR SYSTEM, HOUSING (168)

Features

Product Type Features

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

Configuration Features

Number of Positions	44
Number of Rows	5

Electrical Characteristics

Operating Voltage	13 VDC

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

Contact Features

Contact Size	.64mm, 1mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 1 mm[.02 in][.04 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	2.5 mm, 3 mm[.09 in][.12 in]

Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
Product Width	46.7 mm[1.84 in]
Product Length	27.2 mm[1.1 in]
Connector Height	51.6 mm[2.03 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Operating Temperature (Max)	120 °C[248 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	35
Packaging Method	Tray

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

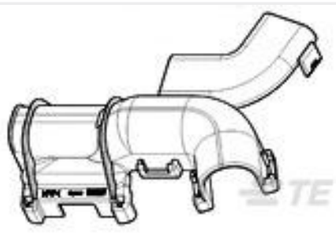
For compliance documentation, visit the product page on TE.com>

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: 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

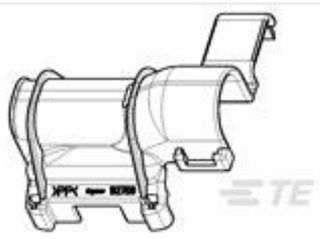
Product Compliance Disclaimer

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

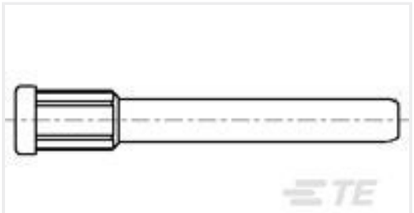
Compatible Parts



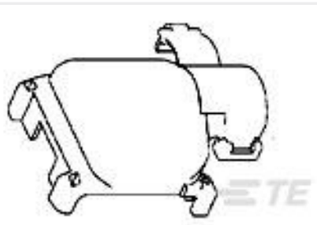
TE Part # 1903287-1
WIRE COVER 44POSITION TYPE-IV



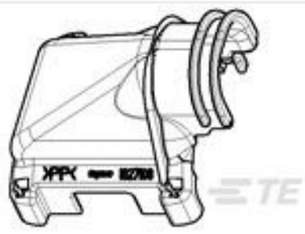
TE Part # 1827109-1
025/040 44POS COVER B-TYPE



TE Part # 1612108-4
025/040 CAVITY PLUG



TE Part # 1674419-2
WIRE COVER 44POSITION C-TYPE



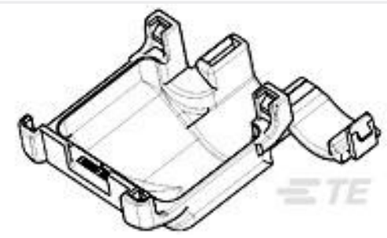
TE Part # 1827108-1
025/040 44POS COVER A-TYPE



TE Part # 1717139-1
025/040 SEALED 132POS CAP ASSY



TE Part # 1612776-1
REC CONTACT ASSY S RANGE CLEAN



TE Part # 1746089-1
025/040 44POS COVER V



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

Also in the Series | 0.64/025 Connector System



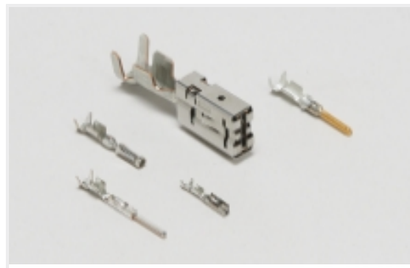
Automotive Connector Caps & Covers (6)



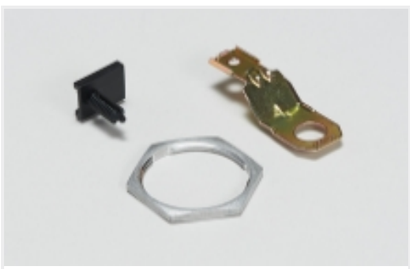
Automotive Signal & Power Connector Housings(174)



Automotive Signal & Power Headers (152)

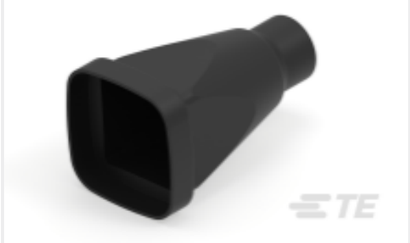


Automotive Terminals(20)



Other Automotive Connector Accessories(4)

Customers Also Bought



TE Part #DRB48-60-BT
BOOT, 48/60P, PLG/REC, ST, BLK



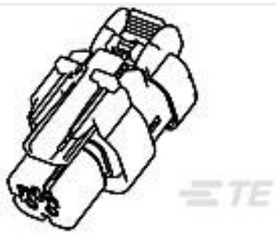
TE Part #CAT-D781-CH8172
DEUTSCH DRB Housings



TE Part #DRBF-2B
FLANGE, MOUNT, 60/48P, BLK, B



TE Part #CAT-D781-W416
DEUTSCH DRB Wedgelocks



TE Part #776429-1
AS16,PLUG ASSY,ST,03P,N SEAL, CODE A



TE Part #1318329-1
.025 SEALED REC CONT



TE Part #1717139-1
025/040 SEALED 132POS CAP ASSY



TE Part #2292906-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A

Documents

Product Drawings

025/040 SEALED 44POS PLUG ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717138-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717138-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717138-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Crimping CLEAN BODY 025/040 Receptacle Contact

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese