2-2289731-0 ✔ ACTIVE

AMP | FAKRA

TE Internal #: 2-2289731-0

Cable-to-Cable, 180° Cable Exit, 2 Position, Z Code, Housing for Female Terminals, 8 mm [.315 in] Centerline, Crimp, FAKRA, Data Connectivity Housings

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Housings







Connector System: **Cable-to-Cable**

Sealable: **No**

Cable Exit Angle: **180°**

Number of Positions: **2**

Connector & Keying Code: **Z**

Features

Product Type Features

Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable
Connector System	Cable-to-Cable
Sealable	No
Connector & Housing Type	Housing for Female Terminals

Configuration Features

Number of Rows	1
Number of Positions	2

Electrical Characteristics

Operating Voltage	800 VAC
Nominal Voltage Architecture	800 V

Body Features

Body Material	Polyester PBT
Cable Exit Angle	180°

Connector & Keying Code	Z

Contact Features

Mating Pin Diameter	.5 mm[.02 in]
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Water Blue
Centerline (Pitch)	8 mm[.315 in]

Dimensions

Product Width	19.6 mm[.77 in]
Product Length	27.4 mm[1.078 in]
Connector Height	15.2 mm[.598 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Cable Type	Coaxial
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Connector Position Assurance Capable	Yes

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

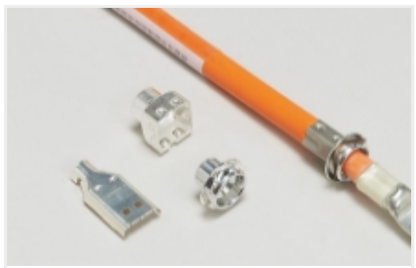
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

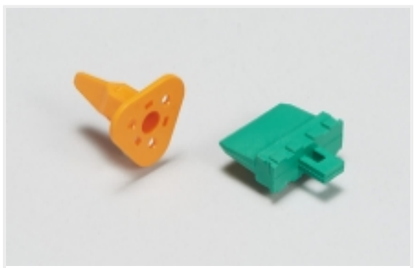


TE Part # 2314551-1
RETAINER, FEMALE, 2 POS, FAKRA AUTOMATED

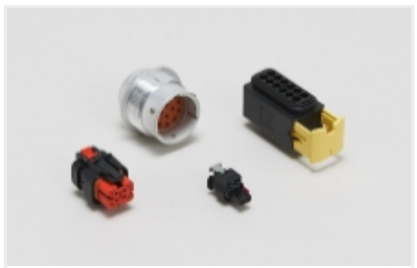
Also in the Series | FAKRA



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(8)



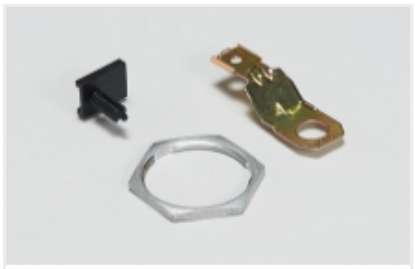
Automotive Housings(2)



Automotive Seals & Cavity Plugs(1)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(28)

Customers Also Bought



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT04-3P
REC, 3P, GRY, N



TE Part #1062-16-0677
SOC, SF, SIZE 16, 16-20, SN/SN



TE Part #1-1418448-1
3 POS. AMP MCP1.5k REC.HSG CO



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings

Documents

Product Drawings

KIT, HOUSING, CPA, INLINE FEMALE, FAKRA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2289731-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2289731-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2289731-0_A.3d_stp.zip

English

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Product Specifications

Application Specification

English