1452581-3 ✔ ACTIVE

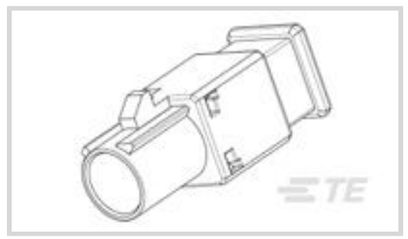
AMP | FAKRA

TE Internal #: 1452581-3

Cable-to-Cable, 180° Cable Exit, 1 Position, C Code, Housing for Male Terminals, Crimp, Cable Mount (Free-Hanging), 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: **1**

Connector & Keying Code: **C**

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
Mixed & Hybrid Connector	No
Connector System	Cable-to-Cable
Sealable	No
Connector & Housing Type	Housing for Male Terminals

Configuration Features

Snap-Lock	Without
Number of Rows	1
Number of Positions	1

Electrical Characteristics

Nominal Voltage Architecture	800 V

Body Features

Ferrule	Without
Body Material	PBT GF
Cable Exit Angle	180°
Connector & Keying Code	C

Contact Features

Outer Contact Plating Material	Tin (Sn)

Contact Mating Area Plating Material	Unplated
Center Contact	Without
Contact Type	Pin
Mating Pin Diameter	.5 mm[.02 in]
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Attachment Style	Front Mount
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Blue

Dimensions

Product Width	10.9 mm[.429 in]
Product Length	26 mm[1.023 in]
Connector Height	10.3 mm[.405 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C[149 °F][158 °F][167 °F][176 °F][185 °F]
Cable Type	DACAR 462, RG 174
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Operating Frequency Range	0 – 6 GHz
Shielded	No

Packaging Features

Packaging Quantity	2500
Packaging Method	Bulk

Other

Connector Position Assurance Capable	Yes
Dielectric Material	None

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	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 # 1452583-1
1 WAY JACK RETAINER FAKRA2



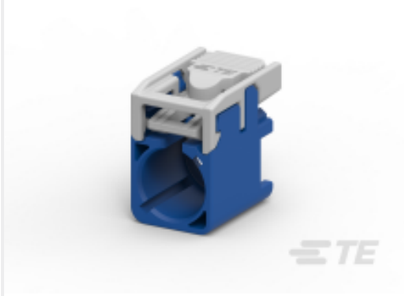
TE Part # 1719261-3
1 POS FAKRA II PLUG HSG CODC FREE



TE Part # 1452584-3
1 WAY PLUG CONN FAKRA2



TE Part # 2-1719261-3
1 POS FAKRA II PLUG HSG CODC FIXED



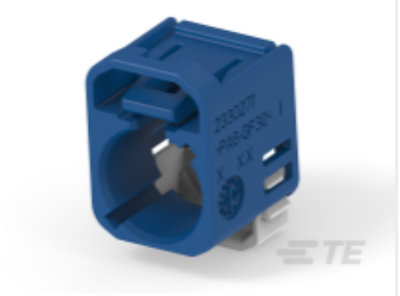
TE Part # 2-2287956-3
1POS,FAKRA II,PLUG,REC HSG,CODC, ASSY



TE Part # 2141494-3
1POS,CONTACT KIT,REC HSG,ASSY, CODC



TE Part # 1719794-1
SUBASSY PLUG FAKRA ,HF



TE Part # 2330270-3
1POS,FAKRA AX,SOC HSG ASSY, 90DEG,COD C

TE Part # 1452582-3
1 WAY JACK HSG FAKRA2

TE Part # 2392990-3
1P FAKRA II HSG ASSY 90DEG COD C

TE Part # 2-2392990-3
1P FAKRA II HSG ASSY 90DEG COD C

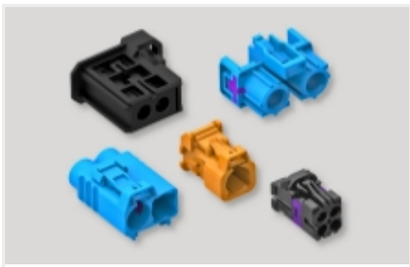
Also in the Series | FAKRA



Automotive Connector Caps & Covers (3)



Connector Contacts(1)



Data Connectivity Housings(507)



Power Contacts(1)

Customers Also Bought

TE Part #1897792-3
RF S/L 2P TAB DIELEC AR5 HSG

TE Part #1897795-3
RF S/L 2P REC DIELEC AR5 HSG

TE Part #4-2188241-7
RF STRIPLINE 1P REC HSG GRE

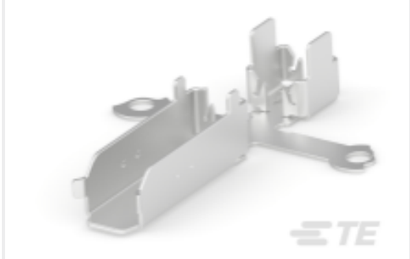
TE Part #2296597-7
RF STRIPLINE HYB 4P CAP ASSY GRN



TE Part #1-2296597-8
RF STRIPLINE HYB 4P CAP ASSY BLU



TE Part #2296632-7
RF STRIPLINE HYB 4P PLUG ASSY



TE Part #2376529-2
REC SHIELD CONT RF STRIPLINE



TE Part #2376530-1
REC CONT FOR RF STRIPLINE



TE Part #1418970-1
CENTER CONTACT,JACK



TE Part #1488146-2
JACK SUBASSEMBLY,RG174,HF,FAKR

Documents

Product Drawings

1 WAY JACK COAX CONN FAKRA2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1452581-3_B_c-1452581-3-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1452581-3_B_c-1452581-3-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1452581-3_B_c-1452581-3-b.3d_stp.zip

English

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Product Specifications

Application Specification

English