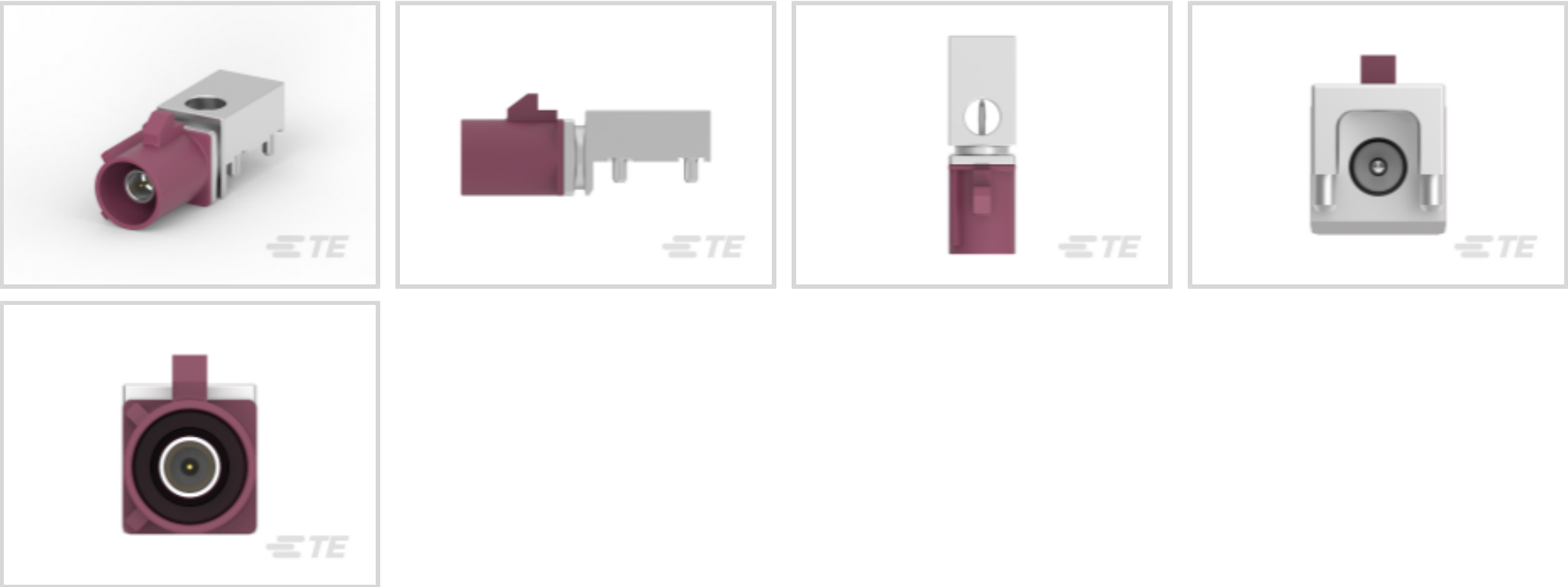




Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Headers



Mating Pin Diameter: .51 mm [.02 in]

Connector & Keying Code: D

Connector System: Wire-to-Board

Number of Positions: 1

Sealable: No

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Wire-to-Board
Sealable	No

Configuration Features

Number of Positions	1
PCB Mount Orientation	Edge

Electrical Characteristics

Impedance	50 Ω
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Signal Characteristics

Operating Frequency Range	0 – 6000 MHz
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Body Features

PCB Retention Feature Plating Material	Tin
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Body Material	PA GF
Connector & Keying Code	D

Contact Features

Center Contact	With
Contact Type	Pin
Contact Mating Area Plating Material	Gold
RF Connector Center Contact Plating Material	Gold (Au)
Mating Pin Diameter	.51 mm[.02 in]

Mechanical Attachment

Mating Retention	With
PCB Mount Retention	With
PCB Mount Retention Type	Solder Tail
Panel Attachment Style	Front Mount

Housing Features

Housing Color	Claret Violet
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Dimensions

Connector Height	5 mm[.197 in]
Product Width	7.5 mm[.295 in]
Product Length	24.5 mm[.965 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]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-17
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Packaging Features

Packaging Quantity	1600
Packaging Method	Reel

Other



Outer Contact Plating Material	Tin (Sn)
Dielectric Material	PCT

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



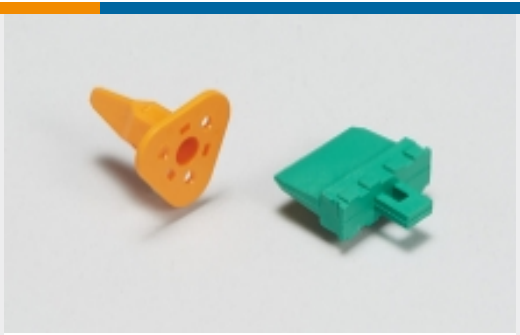
Also in the Series | FAKRA RF Connector System



Automotive Connector Caps & Covers (2)



Automotive Connector EMC Shielding (5)



Automotive Connector Locks & Position Assurance(8)



Automotive Housings(5)



Automotive Terminals(30)



Coax Connectors(1)



Connector Contacts(1)



Data Connectivity Headers(367)



Data Connectivity Housings(515)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(27)



PCB Headers & Receptacles(2)



RF Contacts(6)

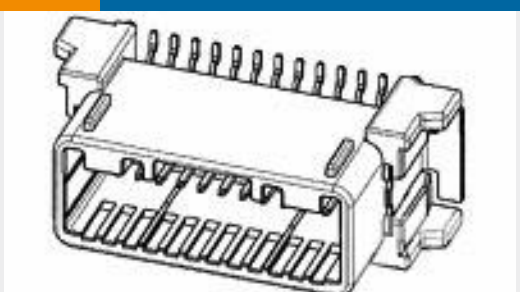
Customers Also Bought



TE Part #175289-5
DYNAMIC D-3 TAB CONT. L PRE-TIN L/P



TE Part #953118-1
40pos MQS .63 header 180deg L/P



TE Part #1747642-2
0.64 SMD 40POS CAP ASSY V TIN



TE Part #1623929-2
CFR200 5% 100R



TE Part #5-2287906-3
FAKRA, 1 POS, EDGE MOUNT, 12 OCLOCK ASSY

TE Part #1-2203452-1
MALE ASM, 1 POS, VERT, PCB, KEY L

TE Part #3-1609965-3
KEB 10A 1S SPADE DELTA 440VAC

TE Part #2203452-5
MALE ASM, 1 POS, VERT, PCB, KEY E

TE Part #5-2287923-3
FAKRA, 2 POS, EXT-EDGE, ASS'Y 12 O'CLOCK

Documents

Product Drawings

FAKRA, 1 POS, EDGE MOUNT, 12 OCLOCK ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2287906-4_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2287906-4_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2287906-4_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English