



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



Connector & Keying Code: I

Connector System: **Wire-to-Device**

Number of Positions: 1

Sealable: **No**

Shielded: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Impedance	50 Ω
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Body Features

PCB Retention Feature Plating Material	Tin
Body Material	Glass Filled Nylon, Zinc
Connector & Keying Code	I

Contact Features

Center Contact	With
Contact Type	Pin
Contact Mating Area Plating Material	Gold
RF Connector Center Contact Plating Material	Other



Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Retention	With
PCB Mount Retention	Without

Housing Features

Housing Color	Other
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Dimensions

Connector Height	11.45 mm[.45 in]
Product Width	7.5 mm[.295 in]
Product Length	13.8 mm[.543 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Other

Solder Process	Reflow
Outer Contact Plating Material	Other
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 2023 (235) Not Yet Reviewed
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 2272519-9
FEMALE KIT, 1P, FAKRA

Also in the Series | FAKRA RF Connector System

Automotive Connector Caps & Covers (1)	Automotive Connector EMC Shielding (7)	Automotive Connector Locks & Position Assurance(4)	Automotive Housings(2)



Automotive Terminals(25)



Coax Connectors(1)



Data Connectivity Headers(364)



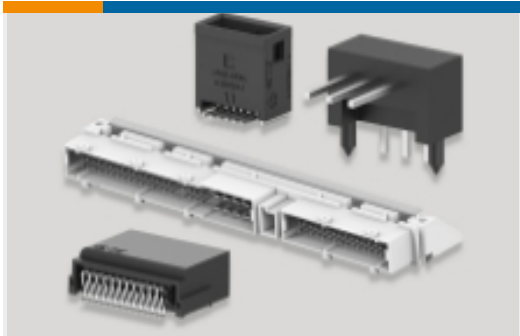
Data Connectivity Housings(435)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(33)



PCB Headers & Receptacles(2)



RF Contacts(3)

Customers Also Bought



TE Part #1376111-6
025 24 POS CAP ASSY V



TE Part #1376113-5
High Pin Count Header



TE Part #917067-6
040-2 TAB CONT S GOLD 22-18



TE Part #1903883-1
0.50 SERIES CONN 16POS PLUG HOUSING ASSY



TE Part #1473369-3
SQUIB 11DIA SCR ASSY 8.8MM TYP



TE Part #1-2236896-5
2POS, MCON 1.2 LL REC SEALED



TE Part #1473369-7
SQUIB 11DIA SCR ASSY CODE-A GR



TE Part #2286546-2
HSD,HDR ASSY,90DEG,COD B



TE Part #1747085-1
0.64 6POS PLUG ASSY

Documents



Product Drawings

MALE ASM, 1 POS, VERT, PCB, KEY I

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2203452-9_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2203452-9_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2203452-9_D.3d_stp.zip

English

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Product Specifications

Application Specification

English