

1438890-7 ✓ ACTIVE

FAKRA RF Connector System

TE Internal #: 1438890-7

Automotive Terminals, Pin, Pin Diameter .02 in [.51 mm], Locking On the Terminal, Gold (Au) Interface Plating, FAKRA RF Connector System

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals



Terminal Type: **Pin**

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

Terminal Transmits: **0 – 24 A (Low Power)**

Sealable: **No**

Primary Locking Feature: **On the Terminal**

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Configuration Features

Compatible With Wire & Cable Type	Coax Cable
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Contact Features

Contact Size	.5mm
Contact Fabrication	Stamped & Formed
Terminal Type	Pin
Mating Pin Diameter	.51 mm[.02 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C[176 °F][185 °F] [194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]



Packaging Features

Packaging Method	Package
Packaging Quantity	15000

Other

Terminal Transmits	0 – 24 A (Low Power)
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: 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 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



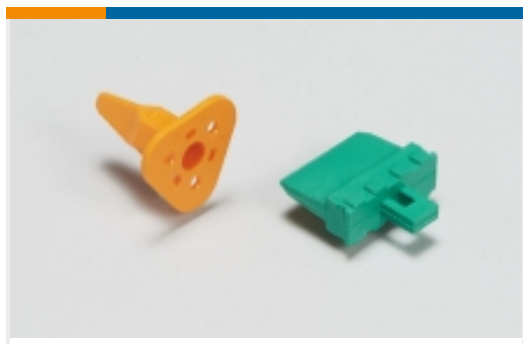
Also in the Series | **FAKRA RF Connector System**



Automotive Connector Caps & Covers (1)



Automotive Connector EMC Shielding (5)



Automotive Connector Locks & Position Assurance(4)



Automotive Housings(2)



Automotive Terminals(12)



Coax Contacts(1)



Data Connectivity Headers(358)



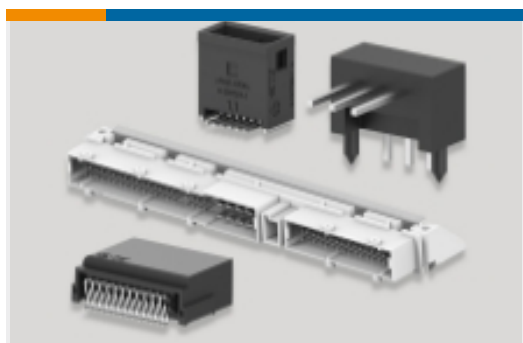
Data Connectivity Housings(415)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)



RF Connectors(1)

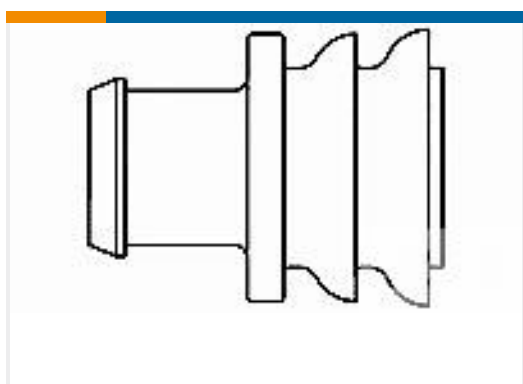
Customers Also Bought



TE Part #DT06-2S
DEUTSCH DT Series Housings & Connectors



TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents



Product Drawings

PIN CONTACT, JACK, 180 DEGREE, SMB

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1438890-7_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1438890-7_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1438890-7_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

CONNECTIVITY SOLUTIONS FOR INFOTAINMENT APPLICATIONS

English

Product Specifications

Application Specification

English