

1438890-8 ✓ ACTIVE

FAKRA RF Connector System

TE Internal #: 1438890-8

Automotive Terminals, Pin, Pin Diameter .019 in [.51 mm], Locking
Locking Lance, Gold (Au) Interface Plating, FAKRA RF Connector
System

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals



Terminal Type: **Pin**

Mating Pin Diameter: **.51 mm [.019 in]**

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

Sealable: **No**

Primary Locking Feature: **Locking Lance**

Features

Product Type Features

Sealable	No
Primary Locking Feature	Locking Lance

Configuration Features

Compatible With Wire & Cable Type	Coax Cable
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Contact Features

Contact Size	.5mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	1 A
Crimp Type	Hex
Terminal Type	Pin
Mating Pin Diameter	.51 mm [.019 in]
Interface Plating	Gold (Au)
Contact Termination Area Plating Material	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Usage Conditions

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

Agency/Standard	FAKRA
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Packaging Features

Packaging Method	Package
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Packaging Quantity	15000
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151839-1
OCEAN-2.0-APPLICATOR-S-047F



TE Part # 2-2151839-2
OCEAN-2.0-APPLICATOR-S-047FA



TE Part # 2-2266775-1
OCEAN_2.0_APPLICATION-S-046F



TE Part # 2-2266775-2
OCEAN_2.0_APPLICATION-S-046F



TE Part # 2-2266776-1
OCEAN_2.0_APPLICATION-S-042F



TE Part # 2-2266776-2
OCEAN_2.0_APPLICATION-S-042F



TE Part # 2-2266955-1
OCEAN_2.0_APPLICATION-S-046F



TE Part # 2-2266955-2
OCEAN_2.0_APPLICATION-S-046F



TE Part # 2151839-1
OCEAN-2.0-APPLICATOR-S-047F



TE Part # 2151839-2
OCEAN-2.0-APPLICATOR-S-047FA



TE Part # 2266775-1
OCEAN_2.0_APPLICATION-S-046F



TE Part # 2266775-2
OCEAN_2.0_APPLICATION-S-046F



TE Part # 2266776-1
OCEAN_2.0_APPLICATION-S-042F



TE Part # 2266776-2
OCEAN_2.0_APPLICATION-S-042F



TE Part # 2266955-1
OCEAN_2.0_APPLICATION-S-046F



TE Part # 2266955-2
OCEAN_2.0_APPLICATION-S-046F



TE Part # 7-2151839-1
OCEAN-2.0-APPLICATOR-S-047F



TE Part # 7-2151839-2
OCEAN-2.0-APPLICATOR-S-047FA



KIT
REPRESENTATION ONLY

TE Part # 7-2151839-7
OCEAN_2.0_SPARE_PART_KIT-047F

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 #2035306-1
Insert, Jack, Gen Y, Hybrid, FAKRA 4



TE Part #2035307-1
Insert, Plug, Gen Y, Hybrid, FAKRA 4



TE Part #5-1924856-1
Plug HOUSING, 2 POSN, FAKRA, Key A, dp



TE Part #7-1924855-1
JACK HOUSING, 2 POSN, FAKRA, Key A, Power



TE Part #1924129-1
JACK SUBASSEMBLY, 1.5DS-QFB, FAKRA



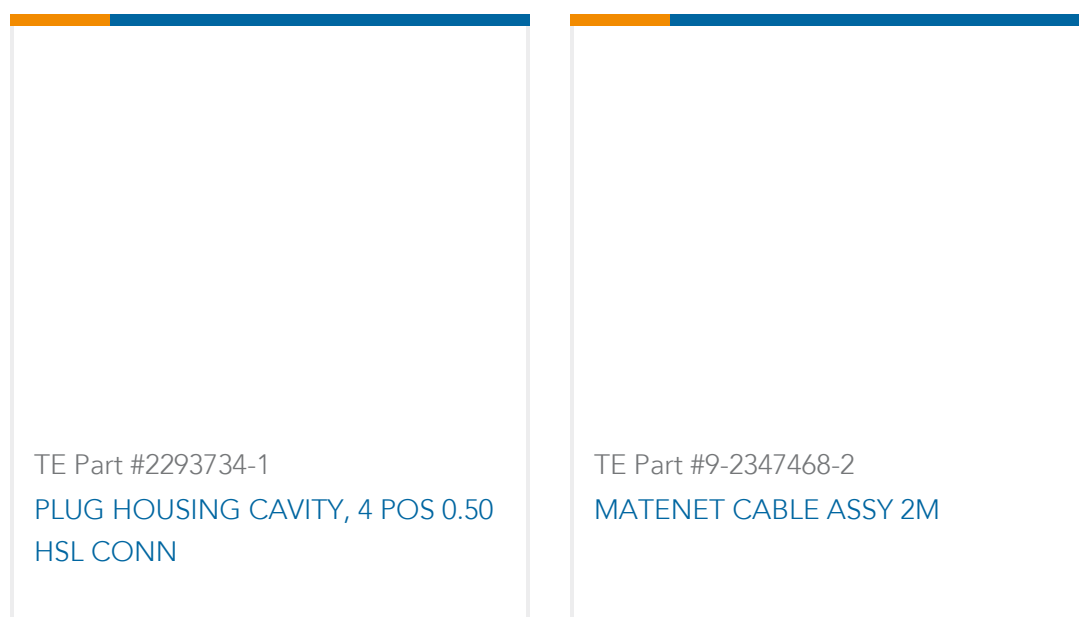
TE Part #2138981-1
PLUG SUBASSEMBLY, 1.5DS-QFB, FAKRA



TE Part #2291354-1
PLUG SHELL BOTTOM, 0.50 HSL CONNECTOR



TE Part #2293641-1
PLUG HOUSING BODY 0.50 HSL CONN. KEY-A



Documents

Product Drawings

[PIN CONTACT, JACK, 180 DEGREE, SMB](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1438890-8_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1438890-8_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1438890-8_D.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

Product Environmental Compliance

[MD_1438890-8_042620181453_dmtec](#)

English

[MD_1438890-8_042620181453_dmtec](#)

English