

1418972-1 ✓ ACTIVE

FAKRA RF Connector System

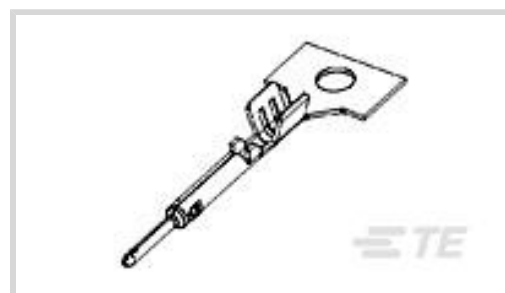
TE Internal #: 1418972-1

Automotive Terminals, Pin, Pin Diameter .02 in [.51 mm], 22 – 20
AWG Wire Size, .33 – .52 mm² Wire Size, 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)

Wire Size: .33 – .52 mm²

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Configuration Features

Compatible With Wire & Cable Type	Coax Cable
-----------------------------------	------------

Contact Features

Contact Size	.51mm
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

Dimensions

Wire Size	.33 – .52 mm ²
Wire Size Search	20 AWG, 21 AWG, 22 AWG

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	Reel
------------------	------

Packaging Quantity	20000
--------------------	-------

Other

Terminal Transmits	0 – 24 A (Low Power)
--------------------	----------------------

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



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151973-1
OCEAN_2.0_Applicator-S-050F



TE Part # 2-2151973-2
OCEAN_2.0_Applicator-S-050FA



TE Part # 2151973-1
OCEAN_2.0_Applicator-S-050F



TE Part # 2151973-2
OCEAN_2.0_Applicator-S-050FA



TE Part # 7-2151973-1
OCEAN_2.0_Applicator-S-050F



TE Part # 7-2151973-2
OCEAN_2.0_Applicator-S-050FA




KIT
REPRESENTATION ONLY

TE Part # 7-2151973-7
OCEAN_2.0_SPARE_PART_KIT-050F

TE Part # 3-2151973-2
OCEAN_2.0_Applicator-S-050F


Also in the Series | FAKRA RF Connector System




Automotive Connector Caps & Covers (1)



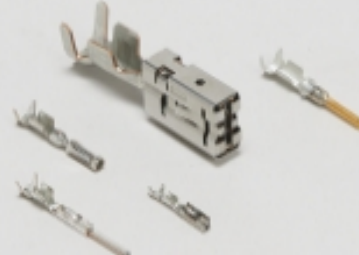
Automotive Connector EMC Shielding (5)




Automotive Connector Locks & Position Assurance(4)



Automotive Housings(2)



Automotive Terminals(12)



Coax Contacts(1)



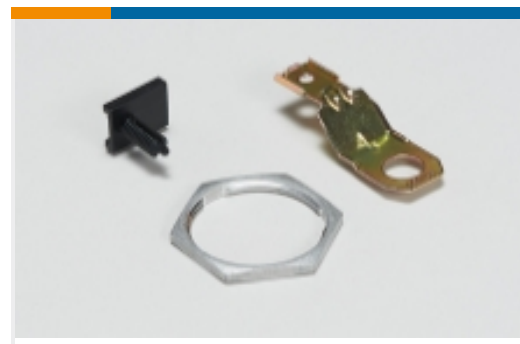
Data Connectivity Headers(358)



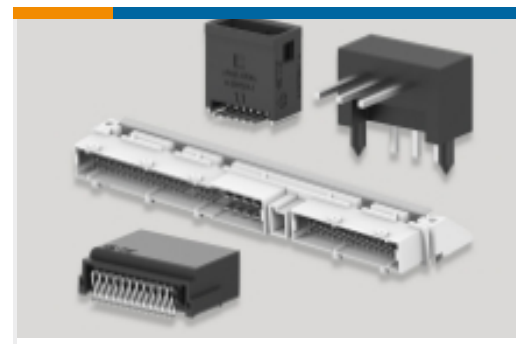
Data Connectivity Housings(415)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)



RF Connectors(1)

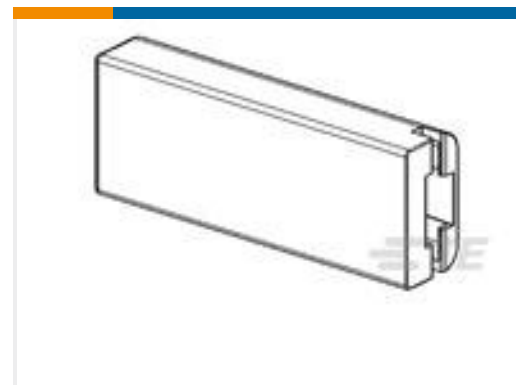
Customers Also Bought



TE Part #144969-1
MOS, RECEPTACLE AND TAB



TE Part #1488167-1
FERRULE, RTK031, 180 GRAD



TE Part #1544408-3
CAP. POLYAMID CLIP

Documents

Product Drawings

[CENTER CONTACT,JACK](#)

English

[CENTER CONTACT,JACK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1418972-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1418972-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1418972-1_E.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English