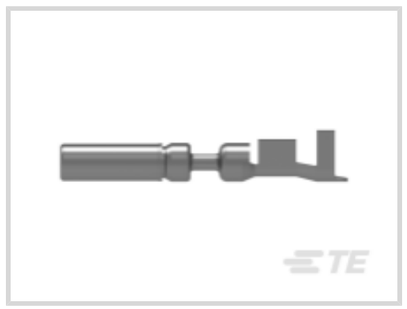
1-1437709-5 ✔ ACTIVE

TE Internal #: 1-1437709-5

Automotive Terminals, Socket, Pin Diameter 1.54 mm [.061 in], 20 – 17 AWG Wire Size, .5 – 1 mm² Wire Size, Sealable, Single Wire Seal (SWS)

View on TE.com >

Terminals & Splices > Automotive Terminals




Terminal Type: **Socket**

Mating Pin Diameter: **1.54 mm [.061 in]**

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

Wire Size: **.5 – 1 mm²**

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Contact Size	1.6mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.54 mm[.061 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp

Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.15 – 1.4 mm[.045 – .055 in]
Wire Size	.5 – 1 mm²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Other

Customer Preferred Contact	No
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: JAN 2024 (240) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
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

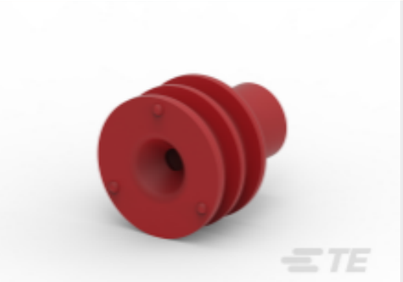
Product Compliance Disclaimer

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 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 # 5-1437710-6
NP1TA-00R2XX=CONN. 2W MALE WAT



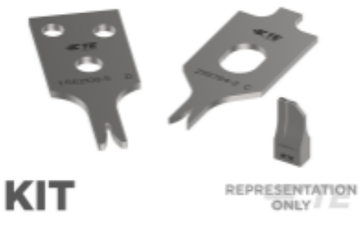
TE Part # 1-1437713-2
106100=GROMMET RED



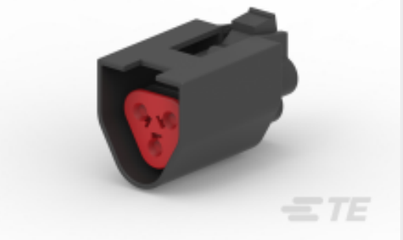
TE Part # 2266037-1
OCEAN_2.0_Applicator-S-080F120O-RSM



TE Part # 2266037-2
OCEAN_2.0_Applicator-S-080F120O-RSA

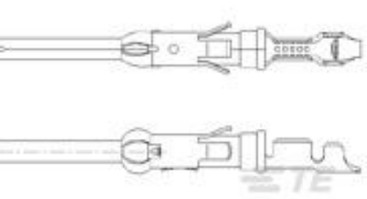


TE Part # 7-2266037-7
OCEAN_2.0_SPARE_PART_KIT-080F120O

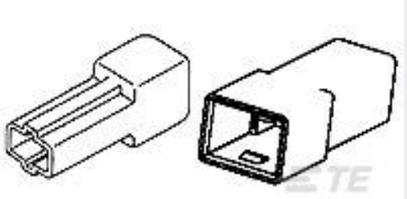


TE Part # 7-1437710-9
NP1UA-0AR3XX=CONN. 3W MALE NOW

Customers Also Bought



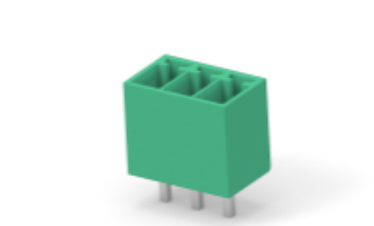
TE Part #1-163085-1
SPEC. PLATED



TE Part #180916-5
FF 250 TAB HSG 1P NYLON BLACK



TE Part #1969877-1
187 HIGH TEMP POS LOCK HSG LCP



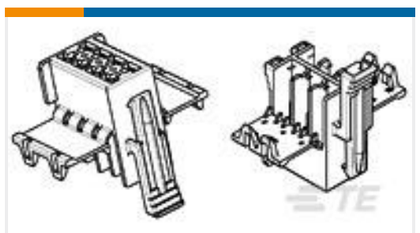
TE Part #2351886-3
3POS TB HDR 180 DEG, PITCH 3.5, TL 3.4mm



TE Part #DT06-12SA-B016
PLG, 12P, GRY, N, ENH KEY, A



TE Part #2098407-1
1X8 FEMALE ASSY YELLOW KEY B



TE Part #1-929504-6
2X 9P JUN-POW-TIMGH



TE Part #5-1437710-6
NP1TA-00R2XX=CONN. 2W MALE WAT



TE Part #1-1437709-2
106011/106012=TERMINAL MALE CR

TE Part #2396564-2
DEPRESSOR, SHEAR

Documents

Product Drawings

106017/106018=TERMINAL FEM. CR

English

106017/106018=TERMINAL FEM. CR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1437709-5_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1437709-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1437709-5_B.3d_stp.zip

English

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Product Specifications

Application Specification

English

APPLICATION SPECIFICATION FOR 1,6mm CIRCULAR CONTACT SYSTEM

English