



IPT / APT

TE Internal #: 2141784-2

Housing for Male Terminals, Wire-to-Device / Wire-to-Board, 2
Position, Sealable, Orange, Panel Mount, -40 - 284 °F [-40 - 140 °C],
IPT / APT

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device**
Number of Positions: **2**
Connector & Housing Type: **Housing for Male Terminals**
Sealable: **Yes**
Number of Rows: **1**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	850 VAC
Nominal Voltage Architecture	850 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Orange



Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Not Keyed
Mating Alignment	Without
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA GF
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Dimensions

Connector Height	38 mm[1.49 in]
Product Width	41.1 mm[1.61 in]
Product Length	87 mm[3.42 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 - 140 °C[-40 - 284 °F]

Packaging Features

Packaging Quantity	64
Packaging Method	Tray

Other

Serviceable	No
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (2.92% in Component Part)



Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # 1-1991225-7 PROTECTIVE COVER. IPT 16-50mm sq. CABLE D	 TE Part # 1-1991225-6 PROTECTIVE COVER. IPT 16-50mm sq. CABLE D	 TE Part # 3-2177380-1 RING TONGUE, CONTACT	 TE Part # 1-1991225-5 PROTECTIVE COVER. IPT 16-50mm sq. CABLE D
 TE Part # 1719826-5 SINGLE WIRE SEAL,8MM HV	 TE Part # 2141809-3 CONTACT KIT, BODY AND SPRING,	 TE Part # 1719826-6 SINGLE WIRE SEAL,8MM HV	 TE Part # 1-2177380-1 RING TONGUE, CONTACT
 TE Part # 2-2177380-1 RING TONGUE, CONTACT	 TE Part # 1-1991225-2 PROTECTIVE COVER. IPT 16-50mm sq. CABLE D	 TE Part # 1-1991225-4 PROTECTIVE COVER. IPT 16-50mm sq. CABLE D	 TE Part # 1-2208025-1 1POS,RING TONGUE,HSG,CAP





TE Part # 1-2208025-2
1POS,RING TONGUE,HSG,CAP



TE Part # 2-2177380-2
RING TONGUE, CONTACT



TE Part # 2-2208025-1
1POS,RING TONGUE,HSG,CAP



TE Part # 2-2208025-2
1POS,RING TONGUE,HSG,CAP



TE Part # 2141809-4
CONTACT KIT, BODY AND SPRING,



TE Part # 2177380-1
RING TONGUE, CONTACT




TE Part # 2177526-1
ANTI ROTATION SAFEGUARD-HV-1P,
IPT,16mmsq

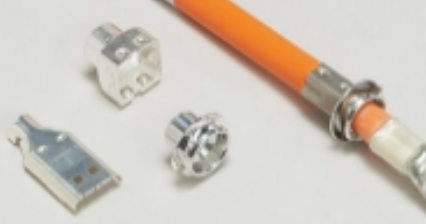


TE Part # 2208335-2
RING TONGUE, CONTACT


Also in the Series | IPT / APT




Automotive Connector Caps & Covers
(9)




Automotive Connector EMC Shielding
(7)



Automotive Housings(22)



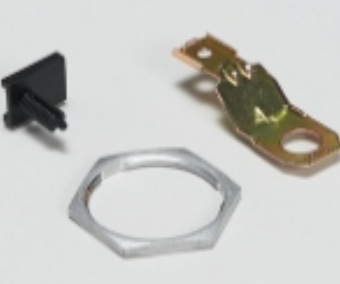
Automotive Terminals(1)




Connector Seals & Cavity Plugs(7)



High Voltage Wire Processing
Equipment(16)



Other Automotive Connector
Accessories(21)



Ring Terminals(11)

Customers Also Bought



TE Part # 2-929941-1
JPT REC 2.8 Contact SWS Au



TE Part # 1-1924067-5
2POS, MCON 1.2 CB REC 2p TL
SEALED



TE Part # 2303272-1
FINGER PROT CAP,8MM HV,90DEG,
UL94V0



TE Part # 2328073-2
HV 8MM; DEEP DRAWN SOCKET 90
DEG. ASSEMB



TE Part # 2177790-1
CABLE FIXATION,TE,COVER INLET

TE Part # 2177791-1
INSULATION COVER,TE,COVER INLET,BK

TE Part # 2307011-4
STEEL,FERRULE,8MM HV,90 DEG, 50SQMM

TE Part # 9-2177814-2
PIN DIA 3.0, PP

TE Part # 9-2177861-1
FAMILY SEAL, MIXED, BU, Vers.1

TE Part # 1248594003
RNF-3000-NR553-0-SP

Documents

Product Drawings

2POS,RING TONGUE,HSG,ASSY,SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2141784-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2141784-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2141784-2_C.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