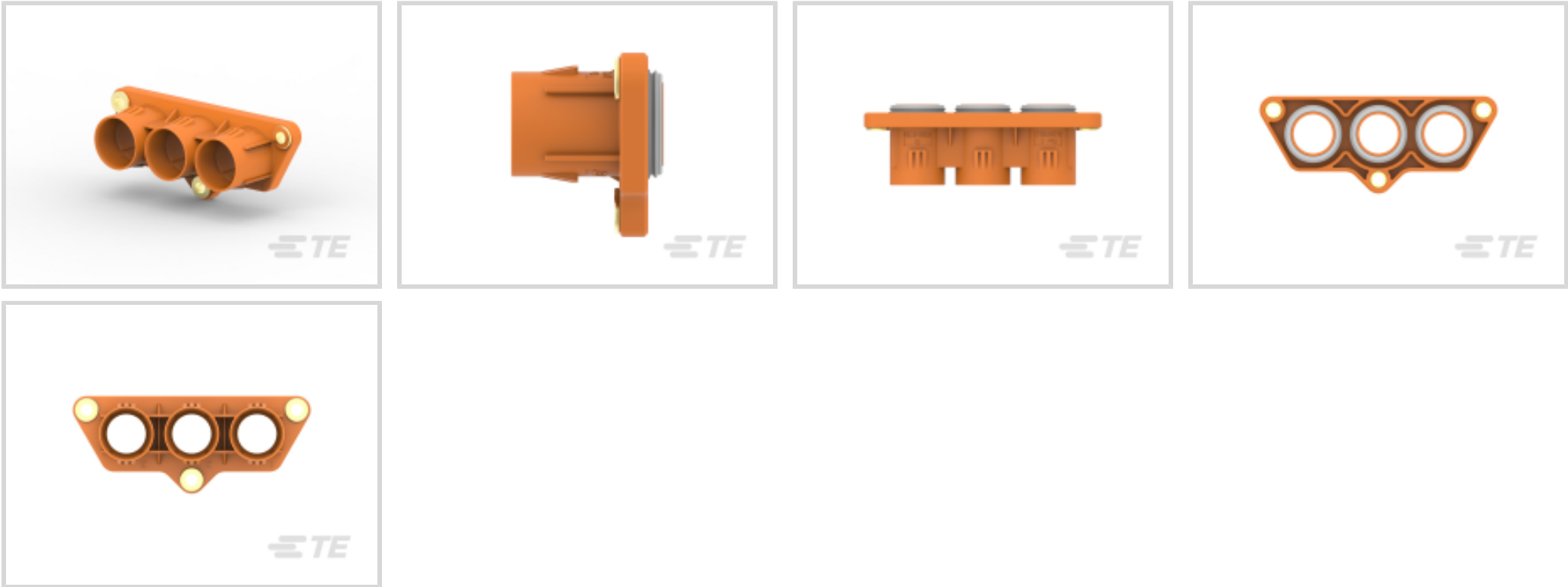




IPT / APT

TE Internal #: 2141783-2
Housing for Male Terminals, Wire-to-Board / Wire-to-Device, 3
Position, Sealable, Orange, Panel Mount, -40 – 140 °C [-40 – 284 °
F], IPT / APT
[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device**
Number of Positions: **3**
Connector & Housing Type: **Housing for Male Terminals**
Sealable: **Yes**
Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Primary Product Color	Orange
Cable Exit Angle	180°

Mechanical Attachment

Connector Mounting Type	Panel Mount
Strain Relief	With



Terminal Position Assurance	No
Mating Alignment Type	Not Keyed
Mating Alignment	Without

Usage Conditions

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

Electrical Characteristics

Nominal Voltage Architecture	850 V
Operating Voltage	850 VAC

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions
Serviceable	No

Housing Features

Housing Material	PA GF
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Dimensions

Product Width	49 mm[1.92 in]
Product Length	120 mm[4.72 in]
Connector Height	40.6 mm[1.59 in]

Packaging Features

Packaging Method	Tray
Packaging Quantity	48

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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JUNE 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
SVHC > Threshold:
Pb (3% in Component Part)

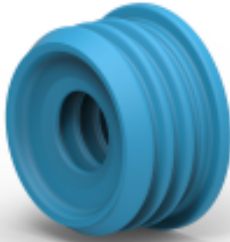
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 (6)

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 #2141155-1
PROTEC. COVER 8MM HV,90DEG



TE Part #2141156-1
SWS,8MM HV,WHT,50 SQMM



TE Part #2118709-2
1 PC STD SHIELD, CRS-32.00X32.00X6.00MM



TE Part #3-2177380-1
RING TONGUE, CONTACT



TE Part #177537-3
2.5 M.I.S POST HDR ASSY 3P



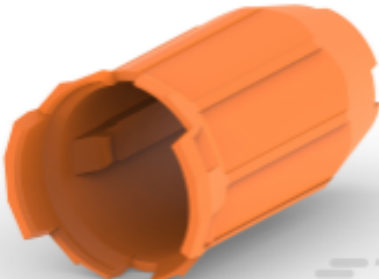
TE Part #2-2177380-1
RING TONGUE, CONTACT



TE Part #1-1991225-4
PROTECTIVE COVER. IPT 16-50mm sq. CABLE D



TE Part #2177526-4
ANTI ROTATION SAFEGUARD-HV-1P, IPT,50mmsq



TE Part #2302639-1
FINGER PROT CAP,8MM HV,180DEG, UL94V-0



TE Part #2355148-2
SLEEVE,IPT 3P SHIELDING

Documents

Product Drawings
3POS,RING TONGUE,HSG,ASSY,SEALED
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2141783-2_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2141783-2_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2141783-2_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