



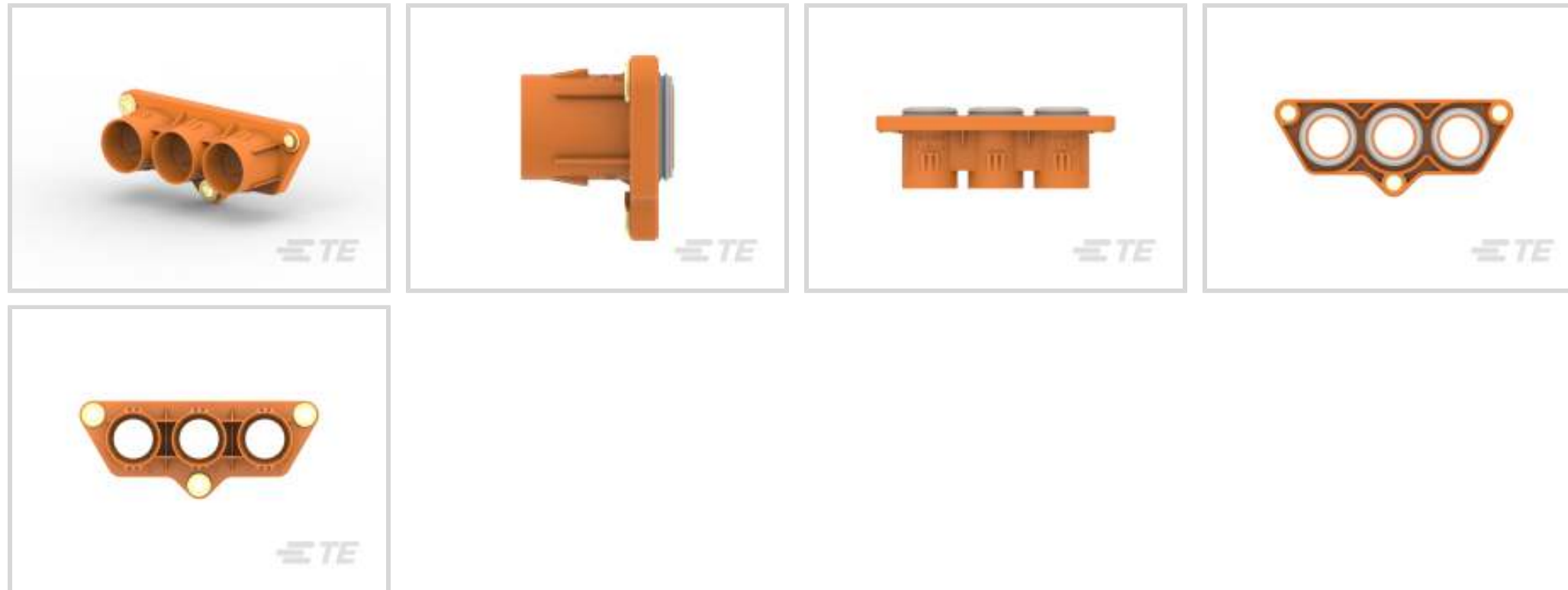
IPT / APT

TE Internal #: 2141783-2

Housing for Male Terminals, Wire-to-Board / Wire-to-Device, 3 Position, Sealable, Orange, Panel Mount, -40 – 284 °F [-40 – 140 °C], IPT / APT

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Connector & Housing Type: **Housing for Male Terminals**

Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **3**

Sealable: **Yes**

Hybrid Connector: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
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	40.6 mm[1.59 in]
Product Width	49 mm[1.92 in]
Product Length	120 mm[4.72 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	48
Packaging Method	Tray

Other

Serviceable	No
Connector Position Assurance Capable	No

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235)



SVHC > Threshold:

Pb (.11% 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

 <p>TE Part # 2-2177380-1 RING TONGUE, CONTACT</p>	 <p>TE Part # 1-1991225-2 PROTECTIVE COVER. IPT 16-50mm sq. CABLE D</p>	 <p>TE Part # 1-1991225-4 PROTECTIVE COVER. IPT 16-50mm sq. CABLE D</p>	 <p>TE Part # 1-2208025-1 1POS,RING TONGUE,HSG,CAP</p>
 <p>TE Part # 1-2208025-2 1POS,RING TONGUE,HSG,CAP</p>	 <p>TE Part # 2-2177380-2 RING TONGUE, CONTACT</p>	 <p>TE Part # 2-2208025-1 1POS,RING TONGUE,HSG,CAP</p>	 <p>TE Part # 2-2208025-2 1POS,RING TONGUE,HSG,CAP</p>
 <p>TE Part # 2141809-4 CONTACT KIT, BODY AND SPRING,</p>	 <p>TE Part # 2177380-1 RING TONGUE, CONTACT</p>	 <p>TE Part # 2177526-1 ANTI ROTATION SAFEGUARD-HV-1P, IPT,16mmsq</p>	 <p>TE Part # 2208335-2 RING TONGUE, CONTACT</p>

Customers Also Bought

 <p>TE Part #1587724-3 OUTER FERRULE, SIZE C, HVA280</p>	 <p>TE Part #2141156-2 SWS,8MM HV,WHT,35 SQMM</p>	 <p>TE Part #4-2103015-2 PLUG SUBASSY, B, HVA280-2PHM F</p>	 <p>TE Part #3-2177380-1 RING TONGUE, CONTACT</p>
 <p>TE Part #2141156-3 SWS,8MM HV,WHT,25 SQMM</p>	 <p>TE Part #2177090-2 STEEL,OUTER FERRULE,8MM HV, 35SQMM</p>	 <p>TE Part #2141155-3 PROTEC. COVER 8MM HV,90DEG</p>	 <p>TE Part #2177526-4 ANTI ROTATION SAFEGUARD-HV-1P, IPT,50mmsq</p>



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

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Product Specifications

[Application Specification](#)

English