

2355146-1 ✓ ACTIVE

HIVONEX | IPT-HD

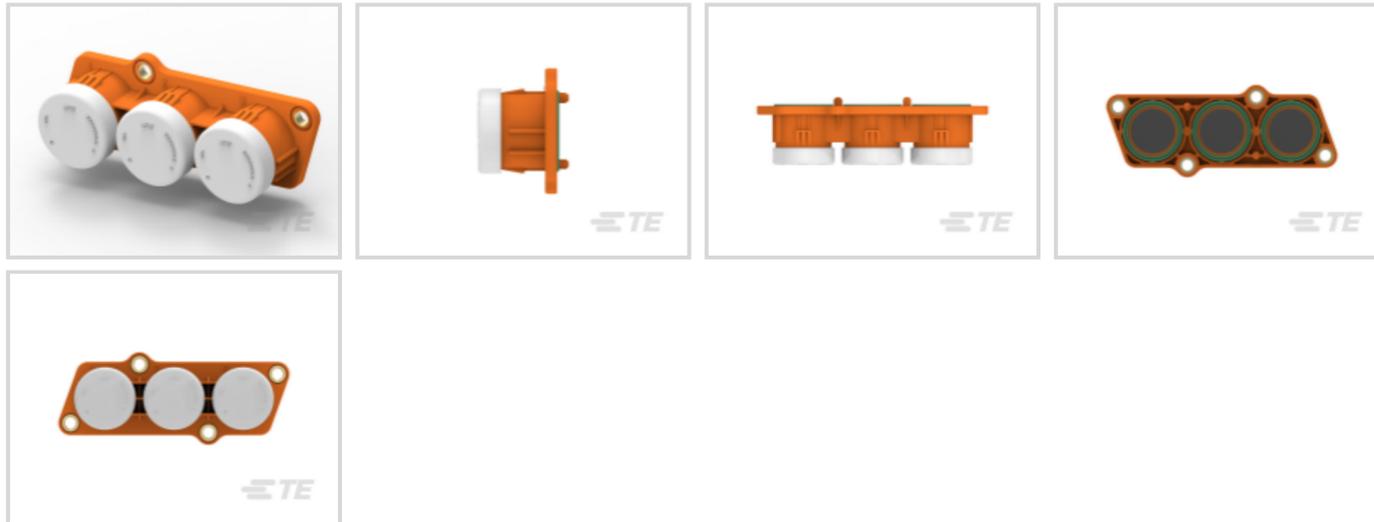
TE Internal #: 2355146-1

12 V, 3 Position, Wire-to-Panel, 40 mm [1.57 in] Centerline,
Sealable, Orange, Power, Panel Mount, -40 – 140 °C [-40 – 284 °F],
IPT-HD

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

Number of Positions: 3

Sealable: **Yes**

Operating Temperature Range: -40 – 140 °C [-40 – 284 °F]

Number of Rows: 1

Features

Product Type Features

Connector Shape	Circular
Mixed & Hybrid Connector	No
Sealable	Yes
Connector System	Wire-to-Panel

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VDC
Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Orange
-----------------------	--------

Mechanical Attachment

--	--



Mating Alignment Type	Not Keyed
Mating Alignment	Without
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA GF
Centerline (Pitch)	40 mm[1.57 in]

Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
Operating Temperature (Max)	140 °C[284 °F]

Operation/Application

Circuit Application	Power
---------------------	-------

Other

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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (2.75% 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2355148-4
STEEL,SHIELD,IPT,CONN HSG



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



TE Part # 2355150-8
SLEEVE,IPT 3P SHIELDING



TE Part # 2355151-2
SWS,COAX



TE Part # 2355151-1
SWS,COAX



TE Part # 2359763-1
DIE SET1 IPT STAMPING T 70MM2



TE Part # 2365737-2
RING TONGUE TRMNL,95MM2 WIRE FOR IPT



TE Part # 2355153-1
COVER,IPT 3P



TE Part # 2365737-1
RING TONGUE TRMNL,70MM2 WIRE FOR IPT



TE Part # 2481023-1
STEEL,OUTER FERRULE,IPT HD 95MM2



TE Part # 2355151-3
SWS,COAX



TE Part # 2355148-1
SLEEVE,IPT 3P SHIELDING



TE Part # 2355153-6
COVER,ISO HS WIRE 95SQMM,IPT HD



TE Part # 2355153-5
COVER,COROPLAST 95SQMM,IPT HD



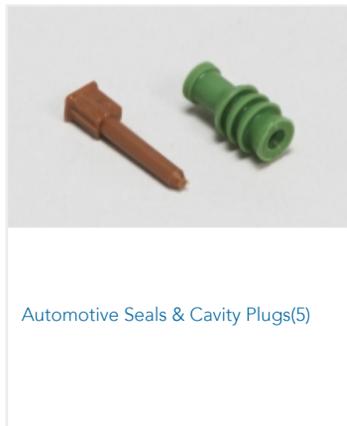
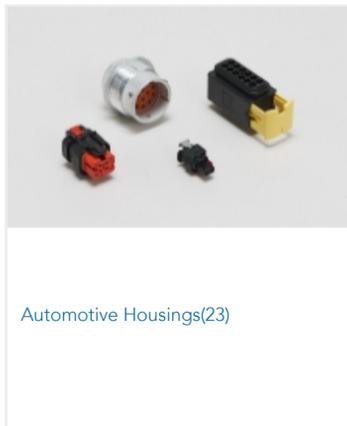
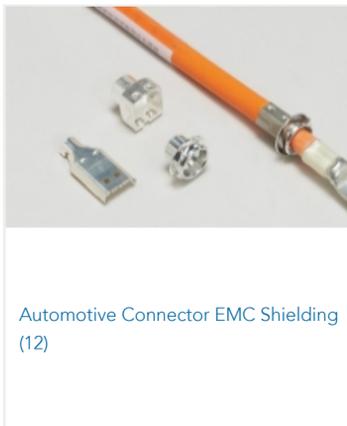
TE Part # 2355150-2
SLEEVE,IPT 3P SHIELDING



TE Part # 2481022-1
CU ALLOY,INNER FERRULE,IPT HD 95MM2



Also in the Series | IPT-HD



Customers Also Bought





Documents

Product Drawings

[3POS,IPT,RING TONGUE HSG ASSY,SLD](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2355146-1_B1.3d_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2355146-1_B1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2355146-1_B1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[HIVONEX CONNECTORS & CHARGING SOLUTIONS](#)

English

Product Specifications

[Application Specification](#)

English