

2455359-4  ACTIVE

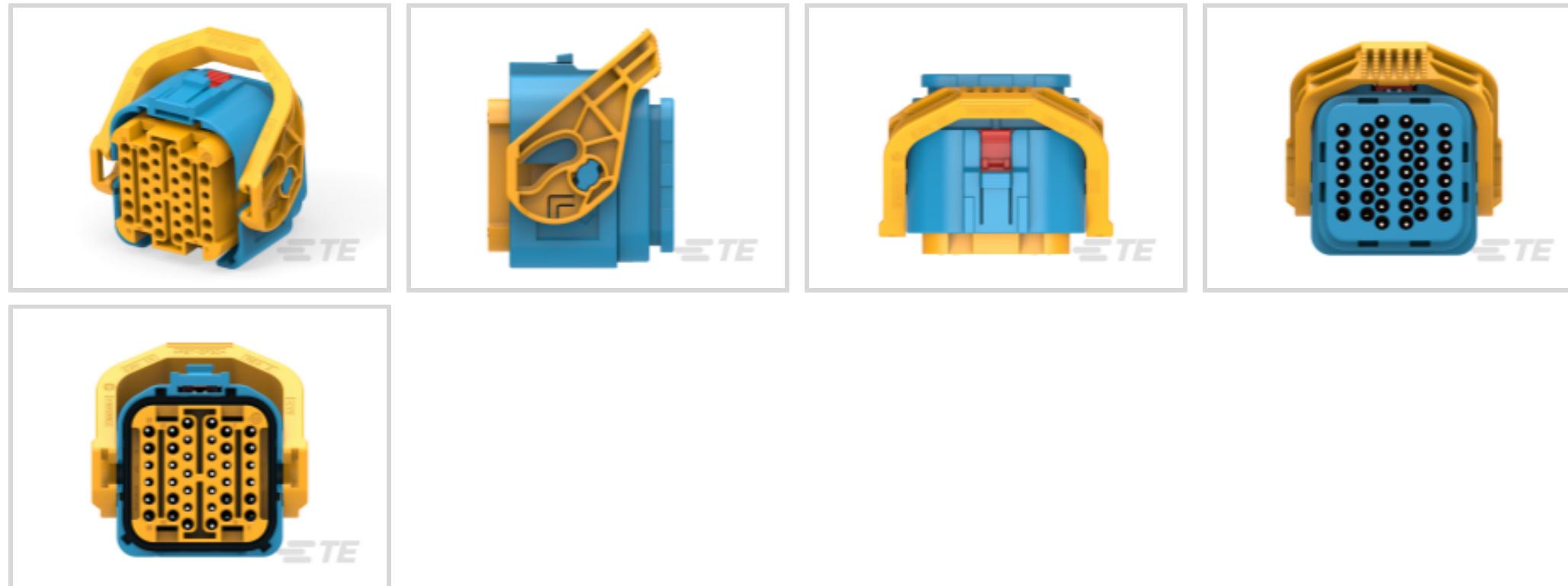
TE Internal #: 2455359-4

Plug, Cable-to-Cable, 38 Position, Sealable, Blue, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), -40 – 257 °F [-40 – 125 °C], Key D

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Cable-to-Cable**

Number of Positions: **38**

Connector & Housing Type: **Plug**

Sealable: **Yes**

Number of Rows: **6**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Cable-to-Cable
Connector & Housing Type	Plug
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Locking Lance

Configuration Features

Number of Positions	38
Number of Rows	6

Electrical Characteristics

Nominal Voltage Architecture	24 V
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Body Features

Primary Product Color	Blue
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Connector & Keying Code

D

Contact Features

Contact Size	Size 16
Contact Current Rating (Max)	13 A

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Other

Connector Position Assurance Capable	Yes
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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: JAN 2024 (240) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: 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	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1-2455360-4
38POS, HYBRID, PIN HSG ASSY, SLD,
COD D

TE Part # 2455360-4
38POS, HYBRID, PIN HSG ASSY, SLD,
COD D

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2455359-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2455359-4_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2455359-4_A.3d_igs.zip](#)

English

3D PDF

3D

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