2368022-1 ✔ ACTIVE

GEMnet

TE Internal #: 2368022-1

Cable-to-Cable, 180 ° Cable Exit, 1 Position, A Code, Plug, Crimp, High Speed Data, Cable Mount (Free-Hanging), Data Connectivity Housings

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Automotive Parts > Automotive Connectors > Data Connectivity Housings







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

Sealable: **No**

Cable Exit Angle: **180 °**

Number of Positions: **1**

Connector & Keying Code: **A**

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
Connector System	Cable-to-Cable
Sealable	No
Connector & Housing Type	Plug

Configuration Features

Number of Rows	1
Number of Positions	1

Body Features

Cable Exit Angle	180 °
Connector & Keying Code	A

Contact Features

Mating Pin Diameter	.5 mm[.02 in]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Jet Black

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	High Speed Data

Other

Connector Position Assurance Capable	Yes

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	有害物质含量符合标准要求 No 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) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 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 # 1-2441928-7
GEM-NET CABLE FOR ORION

TE Part # 2-2368033-1
1PORT,GEMNET,PIN HSG ASSY,COD A,VWCLPSLT

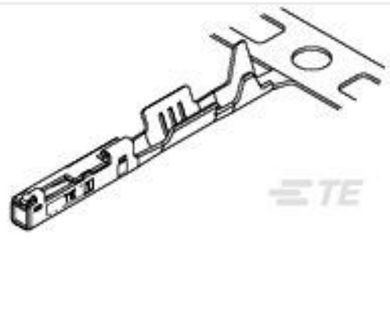
TE Part # 2368003-1
1PORT,GEMNET,PIN HSG ASSY, 180DEG,COD A

TE Part # 2368033-1
1PORT,GEMNET,PIN HSG ASSY,COD A,CLPSLT

Customers Also Bought



TE Part #279328-1
MOTOR TERMINAL II



TE Part #1827855-1
0.50 SERIES CONNECTER RECEPTACLE CONTACT



TE Part #2293641-4
PLUG HOUSING BODY 0.50 HSL CONN. KEY-D



TE Part #2368033-1
1PORT,GEMNET,PIN HSG ASSY,COD A,CLPSLT



TE Part #2386608-1
2P,PIN HSG ASSY,180DEG,COD A, GEMNET,CLIP



TE Part #2386612-1
2PORT,GEMNET,SOC HSG ASSY, 180DEG,COD A



TE Part #2386629-1
4PORT,GEMNET,SOC HSG ASSY, 180DEG,COD A



TE Part #2397144-1
LIDAR MATENET,PLUG,SIDE LATCH, COD A



TE Part #1-1743636-2
HYB SLD 36P CAP HSG - RIB

TE Part #2483601-1
36POS,HYBRID,REC HSG ASSY,SLD, CONN

Documents

Product Drawings

1PORT,GEMNET,SOC HSG ASSY,180DEG,COD A

English

1PORT,GEMNET,SOC HSG ASSY,180DEG,COD A

English

CAD Files

Customer View Model

ENG_CVM_CVM_2368022-1_B2.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2368022-1_B2.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2368022-1_B2.3d_igs.zip

English

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Product Specifications

Application Specification

English