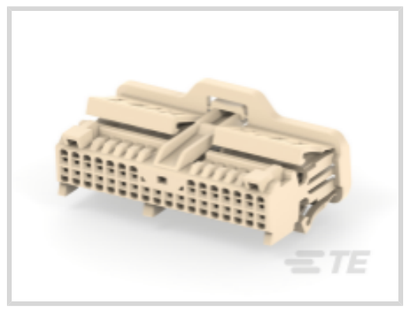
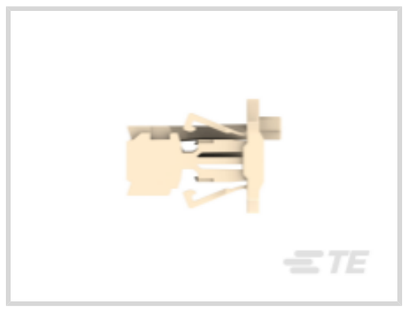
2303088-3 ✔ ACTIVE

TE Internal #: 2303088-3

Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 32 Position, .071 in [1.8 mm] Centerline, Natural, Wire & Cable, Signal

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings


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

Number of Positions: **32**

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

Centerline (Pitch): **1.8 mm [.071 in]**

Sealable: **No**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	32
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V

Body Features

Primary Product Color	Natural
Connector & Keying Code	B

Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]
Contact Current Rating (Max)	3 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	1.8 mm[.071 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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 # CAT-MINH6642
Miniature Automotive I/O Headers

TE Part # 1-2291853-1
NANO MQS CONTACT FFC, FPC

Customers Also Bought

TE Part #1-2291853-1
NANO MQS CONTACT FFC, FPC

TE Part #2303088-2
32POS,NANOMQS,REC HSG,UNSLD, COD A,FFC

Documents

Product Drawings

32POS,NANOMQS,REC HSG,UNSLD,COD B,FFC

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2303088-3_B1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2303088-3_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2303088-3_B1.3d_stp.zip

English