

TE Internal #: 2312110-1

Receptacle, Cable-to-Cable / Cable-to-Board, 10 Position, 1.8 mm

Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-

Hanging), -40 – 105 °C

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Connectors > Automotive Connectors > Automotive Housings











Connector System: Cable-to-Board, Cable-to-Cable

Number of Positions: 10

Connector & Housing Type: Receptacle

Centerline (Pitch): 1.8 mm

Sealable: No

Features

Product Type Features

71	
Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Cable-to-Board, Cable-to-Cable
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Locking Lance
Configuration Features	
Number of Positions	10
Number of Rows	2
Electrical Characteristics	
Nominal Voltage Architecture	12 V
Body Features	
Primary Product Color	Black



Connector & Keying Code	А
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Contact Features

Contact Size	.4mm, .5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm
Contact Current Rating (Max)	3 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF10
Centerline (Pitch)	1.8 mm

Usage Conditions

Operating Temperature (Max)	105 °C
Operating Temperature Range	-40 – 105 °C

Operation/Application

Circuit Application	Signal	

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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



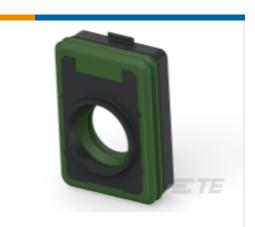
TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 2317507-1 2X6POS,NANOMQS,HDR ASSY, 90DEG,SMD,COD A



TE Part # 2317527-1 2X6POS,NANOMQS,HDR ASSY, 180DEG,SMD,COD A



TE Part # 2340457-4 SWS,PCON21,1POS,CABLE SEAL,95 MM2

Customers Also Bought



TE Part #2309873-2 6POS,NANOMQS,REC HSG ASSY, COD B



TE Part #709819-5 XCT 95-12



TE Part #2-1703930-4 NANOMQS, RECEPTACLE TERMINAL



TE Part #2312108-1 8POS,NANOMQS,REC HSG ASSY, COD A



TE Part #2312116-1 16POS,NANOMQS,REC HSG ASSY, COD A



TE Part #2312192-9 1P,MATE-AX,SOC HSG ASSY,SLD, COD Z,180



TE Part #2333102-2 2POS,NANOMQS,REC HSG ASSY, UNSLD,COD B



TE Part #2333103-1 3POS,NANOMQS,REC HSG ASSY, COD A

Documents

Product Drawings
10POS,NANOMQS,REC HSG ASSY,COD A

English

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CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2312110-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2312110-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2312110-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English