

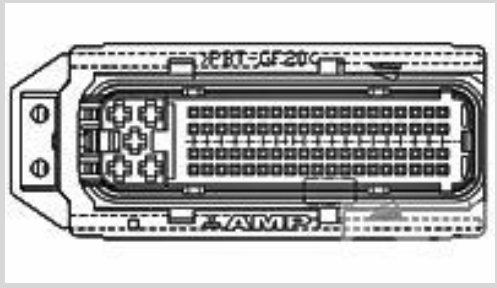


MQS

TE Internal #: 368290-1
Housing for Female Terminals, Wire-to-Board, 81 Position, .1 in [2.54 mm] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging), MQS

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Connector System: **Wire-to-Board**
Number of Positions: **81**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.54 mm [.1 in]**
Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(573\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	81
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	.63mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 2.8 mm[.025 in][.11 in]

Mechanical Attachment

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Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	36 mm[1.41 in]
Product Width	27.8 mm[1.09 in]
Product Length	76.3 mm[3 in]
Row-to-Row Spacing	3 mm[.118 in]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	54
Packaging Method	Box

Other

Serviceable	No
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 applicable 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-T4827-T273
TIMER, RECEPTACLE AND TAB




TE Part # 368297-1
RETAINER HSG FOR MQS 76P




TE Part # 368292-1
JPT & MQS REC HSG 81P

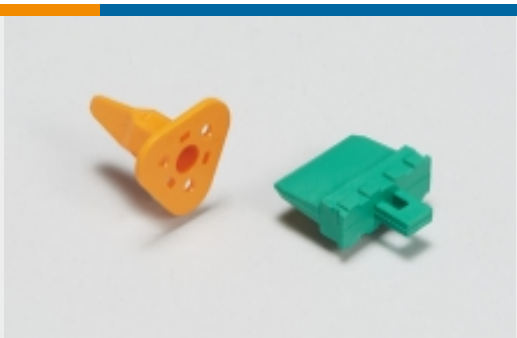
Also in the Series | MQS




Automotive Connector Caps & Covers
(138)




Automotive Connector EMC Shielding
(3)




Automotive Connector Locks &
Position Assurance(30)




Automotive Housings(507)




Automotive Terminals(104)



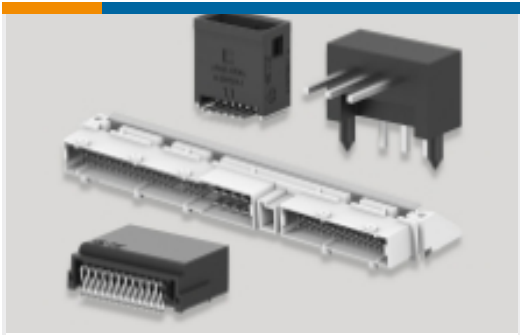
Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)



Other Automotive Connector
Accessories(14)



PCB Headers & Receptacles(213)

Customers Also Bought



TE Part #1-1825007-6
DRD16E04=ROT DIP,16P



TE Part #641972-1
09P UMNL PIN HDR ASSY 94VO



TE Part #1813967-1
MQS, CONNECTOR HOUSING



TE Part #282686-1
SPLASH PR.ASSY W.SEC.LOCK3W TY



TE Part #1-2188225-2
020/060 28P PLUG ASSY(CODE A2)



TE Part #2050049-2
3POS 2.8MM SENSOR PLUG ASSY



TE Part #2298573-1
RETAINER, MCP2.8, FOR 22WAY



TE Part #2322346-2
8POS,MQS,REC HSG,UNSLD



TE Part #368482-2
ABS CONN PLUG 25P ASSY

Documents

Product Drawings

JPT & MQS PLUG 81P ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_368290-1_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_368290-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_368290-1_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Micro Quadlok Interconnection System \(MQS\)](#)

English

Product Specifications

[JPT & MQS 81P PLUG ASSY](#)

English