

2309644-3 ✓ ACTIVE



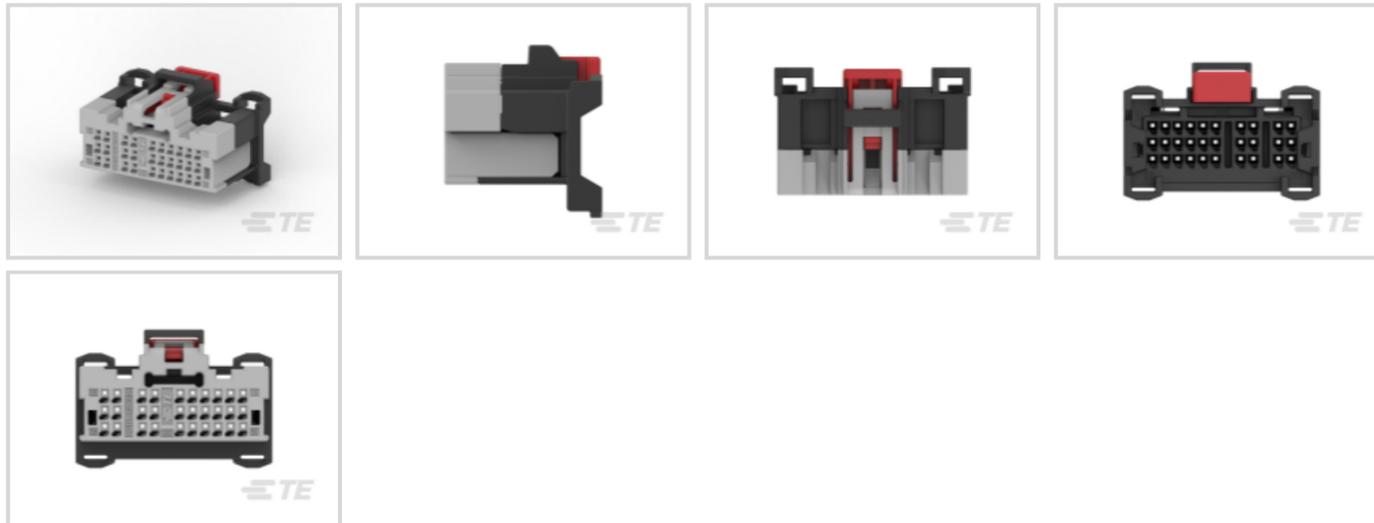
Generation 50

TE Internal #: 2309644-3

Housing for Female Terminals, Wire-to-Wire / Wire-to-Device, 30 Position, .079 in [2 mm] Centerline, Gray, Signal, Generation 50

[View on TE.com >](#)

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



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

Mating Tab Width: .5 mm [.02 in]

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

Number of Positions: 30

Centerline (Pitch): 2 mm [.079 in]

[All MQS, CONNECTOR HOUSING \(557\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Device, Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	30
Number of Rows	3

Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Gray



Connector Code	C
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Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2 mm[.079 in]
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Dimensions

Row-to-Row Spacing	2.6 mm[.102 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal
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Other

Serviceable	Yes
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)



Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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-M8793-T273
MQS, RECEPTACLE AND TAB

TE Part # 2292149-1
CPA, NANO MQS UNSEALED, USCAR

TE Part # 2300772-1
REC CONN CVR ASSY,30POS, NANOMQS,90 DEG

TE Part # 2300842-1
REC CONN CVR ASSY,30POS, NANOMQS,90 DEG

Also in the Series | Generation 50

Automotive Housings(36)

Automotive Terminals(4)

PCB Headers & Receptacles(13)

Documents

Product Drawings

30P NANOMQS/US050 LL CONN, W/CPA, KEY C

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2309644-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309644-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309644-3_A.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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English