



MQS

TE Internal #: 1-968562-2

Housing for Female Terminals, Wire-to-Wire, 10 Position, .1 in [2.54 mm] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), MQS

[View on TE.com >](#)

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



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

Mating Tab Width: **.63 mm [.025 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **10**

Centerline (Pitch): **2.54 mm [.1 in]**

[All MQS, CONNECTOR HOUSING \(571\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	Neutral

Contact Features

Contact Size	.63mm
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Contact Type	Receptacle
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Mating Tab Width	.63 mm[.025 in]
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Contact Current Rating (Max)	7.5 A
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Mechanical Attachment

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

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

Connector Height	7 mm[.275 in]
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Product Width	16 mm[.629 in]
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Product Length	12.7 mm[.5 in]
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Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	4000
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Packaging Method	Bag
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Other

Serviceable	No
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Connector Position Assurance Capable	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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: JAN 2023 (233) 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-M8793-T273 MQS, RECEPTACLE AND TAB	TE Part # 1-967573-1 10pos MQS .63 header 90deg	TE Part # 1-2177198-1 COVER,10 POS. MQS,BL	TE Part # 2-2177198-1 COVER,10 POS. MQS,NA
TE Part # 4-2177198-1 COVER,10 POS. MQS,VT	TE Part # 5-2177198-1 10POS,MQS,REC HSG,UNSLD,COD E	TE Part # 1-965369-2 MQS ABDECKKAPPE 10P	TE Part # 968286-2 MQS DECKEL

Also in the Series | MQS



Automotive Connector Caps & Covers (138)

Automotive Connector EMC Shielding (3)

Automotive Connector Locks & Position Assurance(30)

Automotive Housings(506)

Automotive Terminals(104)

Connector Seals & Cavity Plugs(27)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(14)

PCB Headers & Receptacles(214)

Customers Also Bought

TE Part #2150343-1
OCEAN_2.0_Applicator-E-080F0900

TE Part #2151265-1
OCEAN-2.0-APPLICATOR-S-042F062O

TE Part #2266165-1
OCEAN_2.0_APPLICATOR-S-055F072O

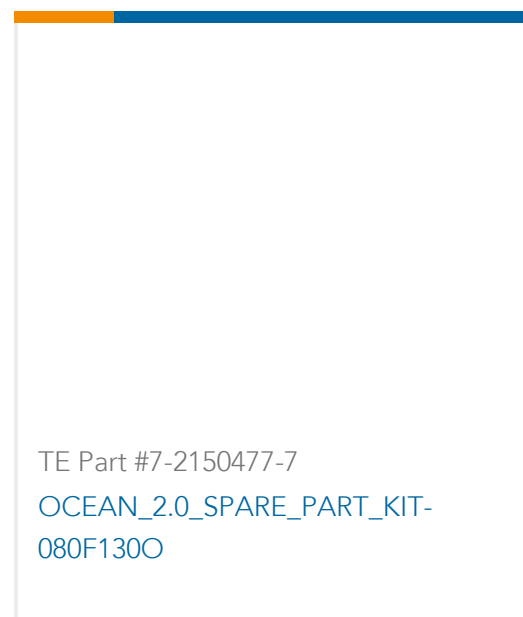
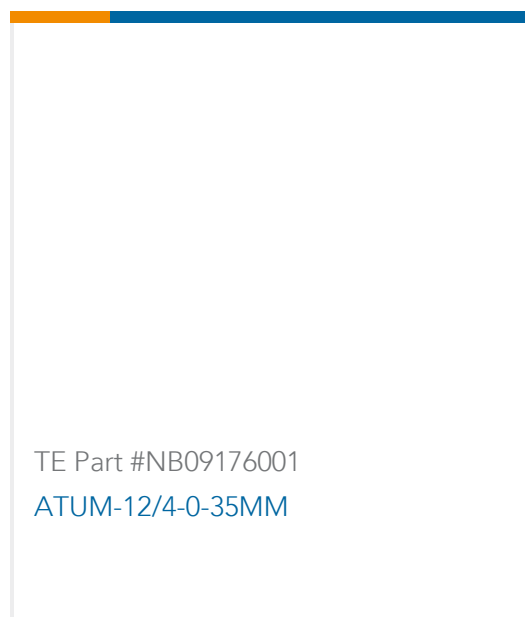
TE Part #7-2150343-7
OCEAN_2.0_SPARE_PART_KIT-080F0900

TE Part #7-2151265-7
OCEAN_2.0_SPARE_PART_KIT-042F062O

TE Part #7-2266165-7
OCEAN_2.0_SPARE_PART_KIT-055F072O

TE Part #7-2837428-7
OCEAN_2.0_SPARE_PART_KIT-062F071O

TE Part #7-2837655-7
OCEAN_2.0_SPARE_PART_KIT-073F077O



Documents

Product Drawings

10POS MQS REC

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-968562-2_A_c-1-968562-2-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968562-2_A_c-1-968562-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968562-2_A_c-1-968562-2-a.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English