

1-967640-1 ✓ ACTIVE



MQS

TE Internal #: 1-967640-1

12 V / 24 V / 48 V, 4 Position, Automotive Housing for Female

Terminals, Wire-to-Board / Wire-to-Wire, 6.2 mm [.244 in]

Centerline, Sealable, Black

[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Housings > MQS 0.63mm Sealed Connectors



Nominal Voltage Architecture: 12 V, 24 V, 48 V

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

Number of Positions: 4

Sealable: **Yes**

Operating Temperature Range: -40 – 120 °C [-40 – 248 °F]

[All MQS 0.63mm Sealed Connectors \(37\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	50 VDC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

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

Contact Features

Contact Size	.64mm
Contact Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	6.2 mm[.244 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Product Width	24 mm[.94 in]
Product Length	23.2 mm[.602 in]
Connector Height	15.3 mm[.602 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

IP Rating	IPX9K
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Packaging Features



Packaging Quantity	1700
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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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-AQ6-CIC-C12
DC Fast Charge CCS1 and CCS2 Inlet Pigtails



TE Part # 1-968400-1
MQS BU-GEH 4P,SW



TE Part # 967067-2
MQS EINZELLEITDICHT



TE Part # 9-2337006-1
COMBO 1,CHARGE INLET ASSY, GENERAL



TE Part # 9-2368478-1
7POS,MIXED,SOCK HSG,INLET GB



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




TE Part # CAT-N02-MS063
MQS 0.63mm Sealed Connectors



TE Part # 9-2368475-1
TYPE 1,CHARGE INLET ASSY, GENERAL



TE Part # 968398-1
MQS2.KONTAKTSICHERG



TE Part # 1-2368475-2
KIT, CI 48ED ASSY, TYP1



TE Part # 967056-1
MQS BLINDSTOPFEN4MM



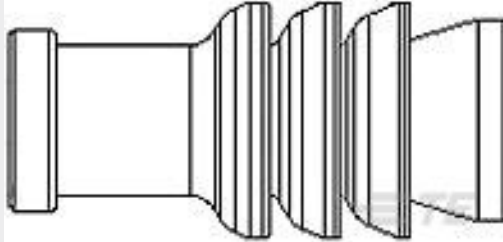
TE Part # 9-2337016-3
COMBO 2,CHARGE INLET ASSY, GENERAL



TE Part # CAT-AQ6-CIC
DC Fast Charge CCS1 and CCS2 Inlet Kits



TE Part # CAT-AQ6-HPCI
High-Power Charging CCS1 and CCS2 Inlet Kits



TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # CAT-SIGH262
Signal Header



TE Part # 1-968811-4
MQS UMGEGH EDS 4P,SW



TE Part # CAT-N01-MT063
MQS 0.63mm Terminals

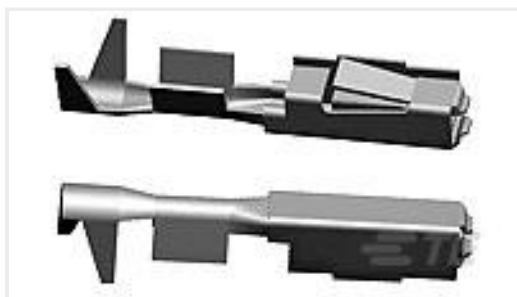


TE Part # 2443741-2
COMBO 2,CHARGE INLET KIT 95SQMM, W/O LED



TE Part # 9-2368472-2
TYPE 2,CHARGE INLET ASSY, GENERAL

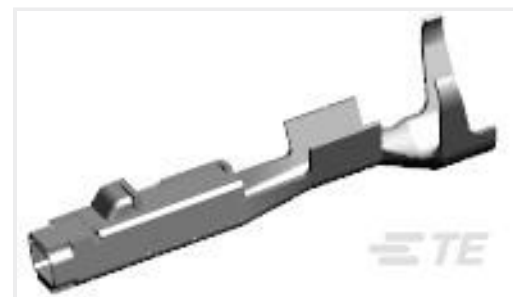
Customers Also Bought



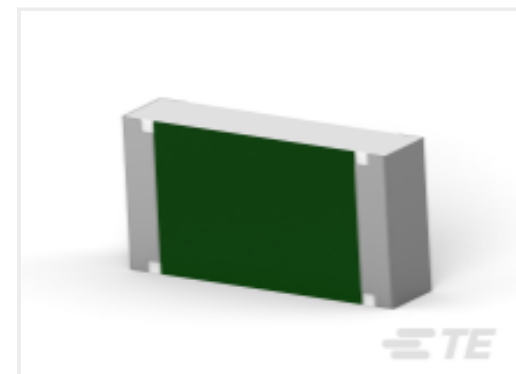
TE Part #5-965906-5
MQS0,63 Au rec LL EDS 0,5-0,75



TE Part #CAT-N02-MS063
MQS 0.63mm Sealed Connectors



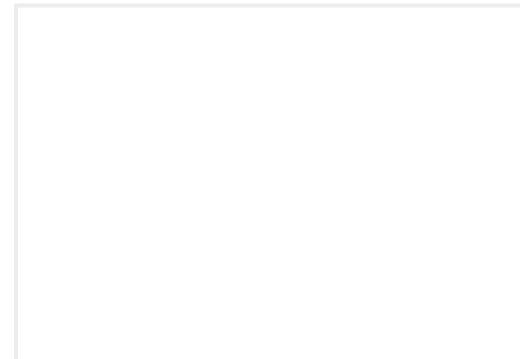
TE Part #1670146-1
MCON 1.2 CB REC SWS SN



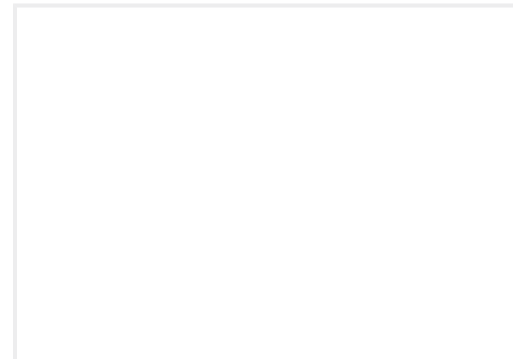
TE Part #4-2176398-3
3502 750K 1%



TE Part #1-2377168-2
CHARGING INLET CCS1, CABLE ASSY



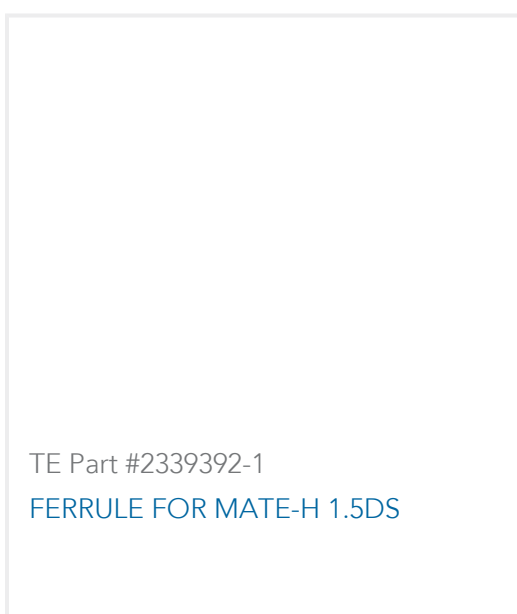
TE Part #BSA896F0986202A000
917 PLUG



TE Part #EKB001M02310001000
615 EXTENSION



TE Part #9-1904064-4
V23086-R1851-A502



TE Part #2339392-1
FERRULE FOR MATE-H 1.5DS

Documents

Product Drawings

[4POS MQS REC COD A](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-967640-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-967640-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-967640-1_B.3d_stp.zip](#)

English

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Product Specifications



[Application Specification](#)

English

[Application Specification](#)

English