1719059-1 ✓ ACTIVE

MQS

TE Internal #: 1719059-1

Housing for Female Terminals, Wire-to-Wire, 32 Position, 2.54 mm [.

1 in] Centerline, Natural, Wire & Cable, Signal, Cable Mount (Free-

Hanging)

View on TE.com >



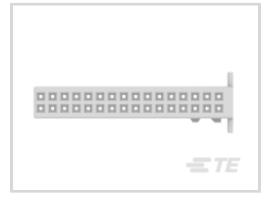
Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING











Connector System: Wire-to-Wire

Number of Positions: 32

Connector & Housing Type: Housing for Female Terminals

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

Sealable: No

All MQS, CONNECTOR HOUSING (360)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal
Configuration Features	
Number of Positions	32
Number of Rows	2
Electrical Characteristics	

12 VAC

Operating Voltage



Able Ext Angle 90° Primary Product Color Natural Connector & Keying Code Neutral Contact Features Contact Size 63mm Contact Type Receptacle Mating Tab Width 63 mm (025 in) Contact Current Rating (Max) 7.5 A Mechanical Attachment Lerminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized Mating Alignment With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material PST GF Centerline (Pitch) 2.94 mm (.1 in) Dimensions Connector Height 13 mm (.512 in) Product Width 16.5 mm (.65 in) Product Width 16.5 mm (.65 in) Product Length 42.6 mm (.1 in) Usage Conditions Operating Iemperature (Max) 120 °C(.40 – 248 °F) Operating Lemperature Range 40 – 120 °C(.40 – 248 °F) Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Nominal Voltage Architecture	12 V, 24 V
Primary Product Color Connector & Keying Code Contact Features Contact Size Contact Size Contact Lype Receptacle Mating Tab Wricth Contact Current Rating (Max) 7.5 A Mechanical Attachment Terminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized Mating Alignment Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Perceut Width 13 mm[512 in] Product Length Row to Row Spacing Usage Conditions Operating Temperature Range Operation / Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application	Body Features	
Contact Features Contact Size .63mm Contact Size .63mm Contact Type Receptacle Mating Tab Width .63 mm (.025 in) Contact Current Rating (Max) .7.5 A Mechanical Attachment Lerminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized Mating Alignment Type Cable Mount (Free-Hanging) Housing Alignment Connector Mounting Type Cable Mount (Free-Hanging) Housing Material PBL GF Centerline (Pitch) .2.54 mm (.1 in) Dimensions Connector Height 13 mm (.512 in) Product Width 16.5 mm (.65 in) Row-to-Row Spacing .2.54 mm (.1 in) Usage Conditions Operating Temperature Range .40 – 120 °C[40 – 248 °F] Operating Temperature Range .40 – 120 °C[40 – 248 °F] Operation / Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Cable Exit Angle	90°
Contact Size .63mm Contact Type Receptacle Mating Tab Wridth .63 mml (025 in) Contact Current Rating (Max) 7.5 A Mechanical Attachment Terminal Position Assurance Terminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized Mating Alignment With Connector Mounting Type Cable Mount (I ree-Hanging) Housing Features Housing Material Pet GF 2.54 mm (.1 in) Dimensions 2.54 mm (.1 in) Connector Height 13 mm (.512 in) Product Wridth 16.5 mm (.65 in) Product Length 42.6 mm (1.68 in) Row-to-Row Spacing 2.54 mm (.1 in) Usage Conditions Usage Conditions Operating Temperature (Max) 120 °C (248 °F) Operating Temperature Range 40 °120 °C (40 °248 °F) Operation/Application Yes, per Version 5.0 (March 2018) Circuit Application Signal	Primary Product Color	Natural
Contact Type Receptacle Mating Tab Width 63 rnm[.025 in] Contact Current Rating (Max) 7.5 A Mechanical Attachment Terminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized Mating Alignment Type Polarized Mating Alignment Type Cable Mount (Free Hanging) Housing Features Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 °C[248 °F] Operating Temperature (Max) 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Connector & Keying Code	Neutral
Contact Type Receptacle Mating Tab Width .63 mm[.025 in] Contact Current Rating (Max) 7.5 A Mechanical Attachment Terminal Position Assurance No Strain Reliel Without Mating Alignment Type Polarized 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 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 "C[248 "F] Operating Temperature Range 40 – 120 "C[-40 – 248 "F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Contact Features	
Mating Tab Width .6.3 mm[.025 in] Contact Current Rating (Max) 7.5 A Mechanical Attachment Terminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized Mating Alignment Type Cable Mount (Free-Hanging) Housing Alignment Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[.1 68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 °C[248 °F] Operating Temperature Range 40 – 120 °C[40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Ves, per Version 5.0 (March 2018) Circuit Application	Contact Size	.63mm
Contact Current Rating (Max) Mechanical Attachment Terminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized Mating Alignment With Connector Mounting Type Cable Mount (Free Hanging) Housing Features Housing Material Centerline (Pitch) Product (Pitch) Product Width 15.5 mm[.51 in] Product Unight 42.6 mm[1.68 in] Row-to-Row Spacing Usage Conditions Operating Temperature (Max) Operating Temperature Range Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Contact Type	Receptacle
Mechanical Attachment Terminal Position Assurance No Strain Relief Without Mating Alignment Type Polarized 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 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product I ength 42.6 mm[1.68 in] Row to Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 "C[-40 – 248 "F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application	Mating Tab Width	.63 mm[.025 in]
Terminal Position Assurance Strain Relief Without Mating Alignment Type Polarized 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 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length August	Contact Current Rating (Max)	7.5 A
Strain Relief Without Mating Alignment Type Polarized 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 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row to Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 °C[248 °F] Operating Temperature Range 40 – 120 °C[40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application	Mechanical Attachment	
Mating Alignment Type 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 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[.1 sin] Wage Conditions Operating Temperature (Max) Operating Temperature Range Conforms to KOMAX Automatic Component Insertion Guideline Circuit Application Signal	Terminal Position Assurance	No
Mating Alignment Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application	Strain Relief	Without
Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 °C[248 °F] Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application	Mating Alignment Type	Polarized
Housing Features Housing Material PBT GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 °C[248 °F] Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Mating Alignment	With
Housing Material Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application	Connector Mounting Type	Cable Mount (Free-Hanging)
Centerline (Pitch) Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application	Housing Features	
Dimensions Connector Height 13 mm[.512 in] Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 °C[248 °F] Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Housing Material	PBT GF
Connector Height Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Ves, per Version 5.0 (March 2018) Circuit Application Signal	Centerline (Pitch)	2.54 mm[.1 in]
Product Width 16.5 mm[.65 in] Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Dimensions	
Product Length 42.6 mm[1.68 in] Row-to-Row Spacing 2.54 mm[.1 in] Usage Conditions Operating Temperature (Max) 120 °C[248 °F] Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Connector Height	13 mm[.512 in]
Row-to-Row Spacing Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Circuit Application Signal	Product Width	16.5 mm[.65 in]
Usage Conditions Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Circuit Application Signal	Product Length	42.6 mm[1.68 in]
Operating Temperature (Max) Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Circuit Application Signal	Row-to-Row Spacing	2.54 mm[.1 in]
Operating Temperature Range -40 – 120 °C[-40 – 248 °F] Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Usage Conditions	
Operation/Application Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Operating Temperature (Max)	120 °C[248 °F]
Conforms to KOMAX Automatic Component Insertion Guideline Yes, per Version 5.0 (March 2018) Circuit Application Signal	Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Circuit Application Signal	Operation/Application	
	Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Industry Standards	Circuit Application	Signal
	Industry Standards	
UL Flammability Rating UL 94HB	UL Flammability Rating	UL 94HB



Other

Serviceable	Yes
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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













MQS COVER ASS'Y, 2X16 POSN.









Customers Also Bought



TE Part #1-964302-3 TAB A 2.8x0.8 CONTACT CS SWS Au



TE Part #1394139-1

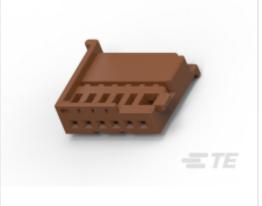


TE Part #1813112-1





TE Part #6-1355118-1 MQS VERRIEGLUNG

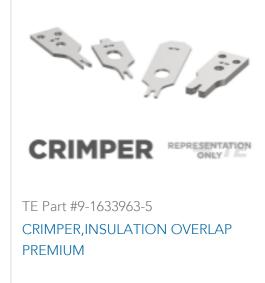


TE Part #1-969489-2 6POS MQS REC COD A









Documents



Product Drawings

32POS MQS REC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1719059-1_A_c-1719059-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1719059-1_A_c-1719059-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1719059-1_A_c-1719059-1-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English