



MQS

TE Internal #: 1-1355470-5  
12 V / 24 V, 2 Position, Automotive Housing for Male Terminals,  
Wire-to-Wire, 2.54 mm [.1 in] Centerline, Black, Wire & Cable, Signal  
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Automotive Parts > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Nominal Voltage Architecture: 12 V, 24 V  
Connector & Housing Type: Housing for Male Terminals  
Number of Positions: 2  
Sealable: No  
Operating Temperature Range: -40 – 120 °C [ -40 – 248 °F ]

[All MQS, CONNECTOR HOUSING \(338\)](#)

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Mixed & Hybrid Connector          | No                         |
| Connector Shape                   | Rectangular                |
| Connector & Housing Type          | Housing for Male Terminals |
| Sealable                          | No                         |
| Primary Locking Feature           | Integrated in Housing      |
| Connector System                  | Wire-to-Wire               |
| Connector & Contact Terminates To | Wire & Cable               |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows      | 1 |

Electrical Characteristics

|                              |            |
|------------------------------|------------|
| Nominal Voltage Architecture | 12 V, 24 V |
|------------------------------|------------|

Body Features



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

Contact Features

|                  |                 |
|------------------|-----------------|
| Contact Size     | .63mm           |
| Contact Type     | Tab             |
| Mating Tab Width | .63 mm[.025 in] |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | Without                    |
| Terminal Position Assurance | Yes                        |
| Mating Alignment Type       | Keyed                      |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PBT GF10       |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                  |                 |
|------------------|-----------------|
| Product Length   | 10.9 mm[.42 in] |
| Connector Height | 9.8 mm[.38 in]  |

Usage Conditions

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

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Bag  |
| Packaging Quantity | 2000 |

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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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-M8793-CH8172  
MQS, CONNECTOR HOUSING



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

Customers Also Bought





TE Part #814511-000  
222A121-3-0



TE Part #2-216604-0  
HV190 REC ASSY 2X20P.



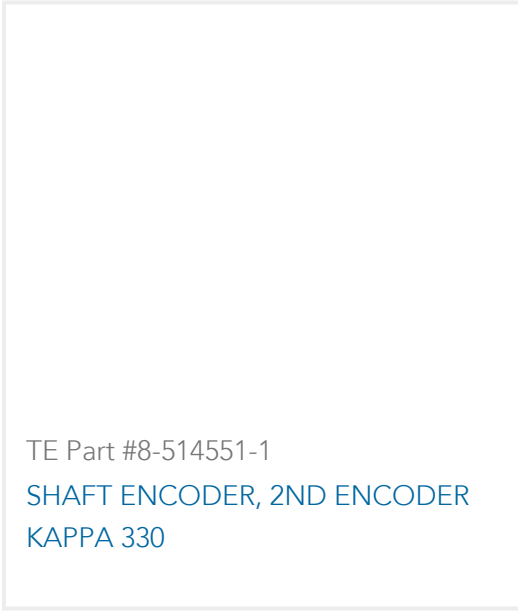
TE Part #4-1393210-2  
T9AS5L12-24



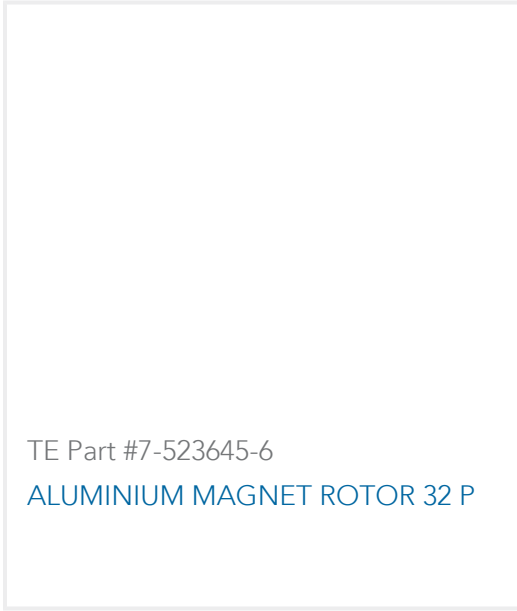
TE Part #6-1633965-7  
CRIMPER, INSULATION O



TE Part #9-1740209-6  
2X3 POS AMP MODU IV HOUSING



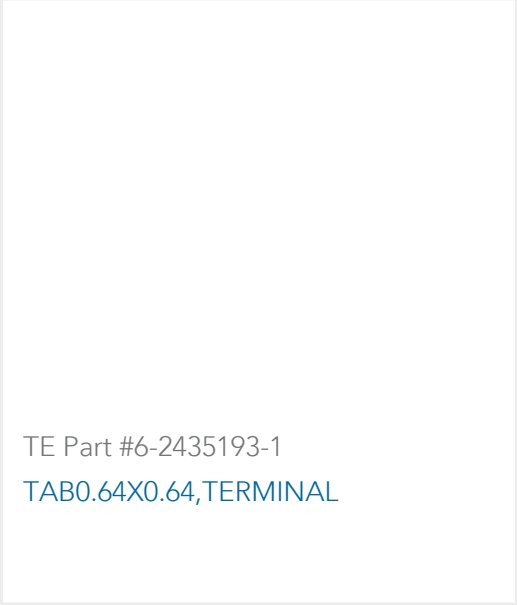
TE Part #8-514551-1  
SHAFT ENCODER, 2ND ENCODER  
KAPPA 330



TE Part #7-523645-6  
ALUMINIUM MAGNET ROTOR 32 P



TE Part #690496-7  
FRONT SHEAR PLATE



TE Part #6-2435193-1  
TAB0.64X0.64,TERMINAL



TE Part #2436637-1  
6POS,NANOMQS,REC HSG ASSY,  
COD A

Documents

Product Drawings  
2POS MQS TAB COD A  
English  
2POS MQS TAB COD A  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1-1355470-5\_A.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-1355470-5\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-1355470-5\_A.3d\_stp.zip  
English

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

1-1355470-5

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Product Specifications

Product Specification

English