



MQS | 1.5/2.8 Connector System, 0.64/025 Connector System

TE Internal #: 2-1355123-3

12 V, 60 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.5 mm / 3.5 mm [.09 in / .13 in] Centerline, Sealable, Black, Hybrid

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Automotive Parts > Automotive Connectors > Automotive Housings > MQS Mixed Connectors Signal-Power



Nominal Voltage Architecture: 12 V

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

Number of Positions: **60**

Sealable: **Yes**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

[All MQS Mixed Connectors Signal-Power \(41\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	24, 36
Number of Positions	60
Number of Rows	4

Electrical Characteristics

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Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
Connector & Keying Code	A, B

Contact Features

Contact Size	.63mm, 1.5mm
Contact Type	Receptacle
Mating Tab Width	.63 mm, 1.5 mm [.025 in] [.059 in]
Contact Current Rating (Max)	7.5 A, 30 A

Mechanical Attachment

Strain Relief	With
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)	2.5 mm, 3.5 mm [.09 in] [.13 in]

Dimensions

Row-to-Row Spacing	3 mm [.11 in]
Product Width	36.5 mm [1.437 in]
Product Length	60.65 mm [2.388 in]
Connector Height	43 mm [1.693 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
Operating Temperature (Max)	130 °C [266 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

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Packaging Quantity	168
Packaging Method	Box

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) Candidate List Declared Against: JUNE 2025 (250) 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 # 5-1534116-2
MQS0,63 AU REC CB UNSEAL. 0,25-0,35 2P



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # 1-1355116-1
DICHTUNG,60P OR



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



TE Part # 284617-1
154pos hybrid MQS .63 header 90deg sld.



TE Part # 284723-1
COVER FOR 60 POS RECEPTACLE HO

Also in the Series | 1.5/2.8 Connector System



Automotive Headers(152)



Automotive Housings(173)

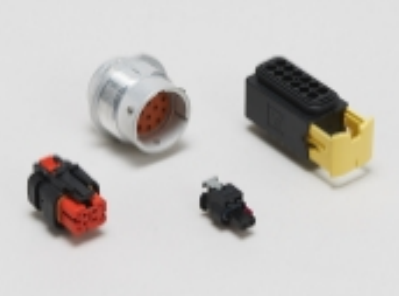


Automotive Signal & Power Connector Housings(173)

Also in the Series | 0.64/025 Connector System



Automotive Connector Caps & Covers (6)



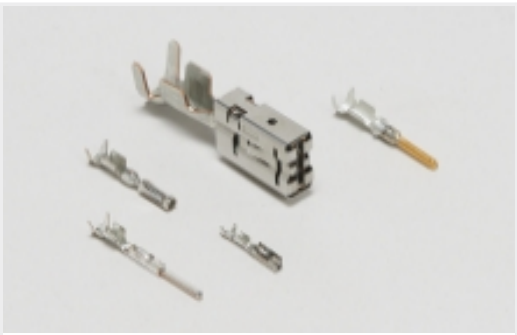
Automotive Housings(173)



Automotive Seals & Cavity Plugs(2)

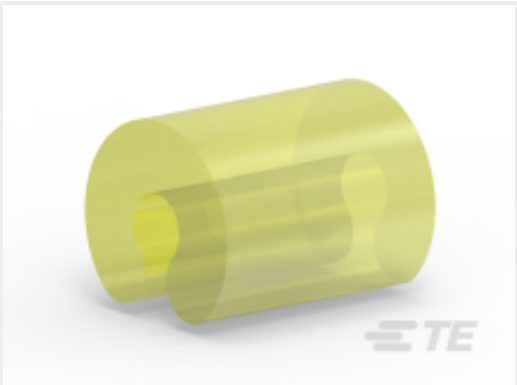


Automotive Signal & Power Headers (152)

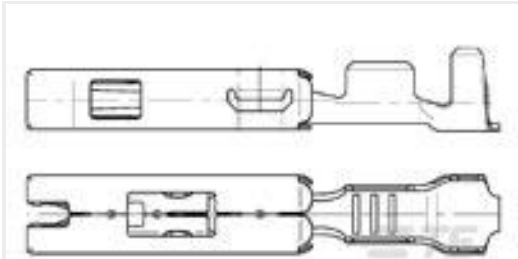


Automotive Terminals(20)

Customers Also Bought



TE Part #7907156001
RBK-ESS-CLIP-1.5-X-8MM



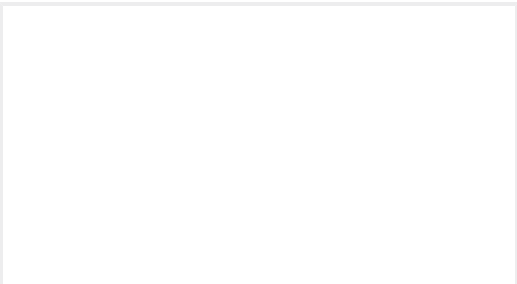
TE Part #929027-2
1.5MM SFC



TE Part #1394872-1
SEALING PLUG 1,5MM



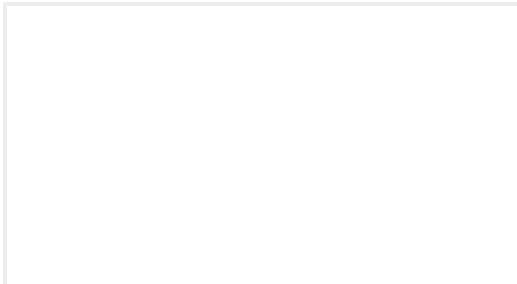
TE Part #1801178-3
3W RECEPTACLE HP CONNECTOR
GREY



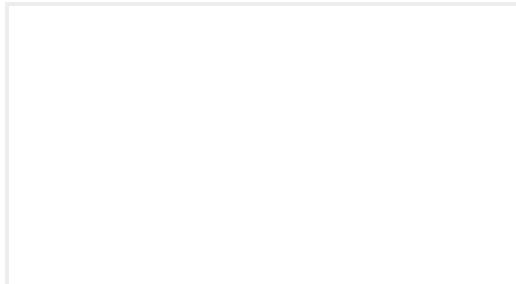
TE Part #K1023449
Relay 75A 12V*S-FL*LK*B 29-031-11B-935



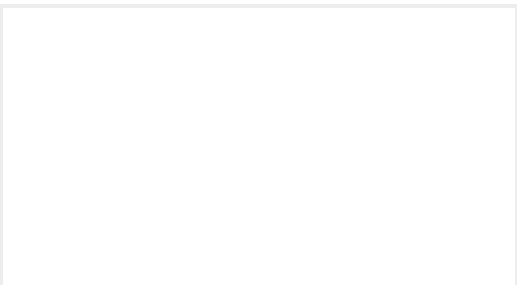
TE Part #1394909-2
SHIELD, 180 DEG., 94POSN.
RECEPTACLE HSG



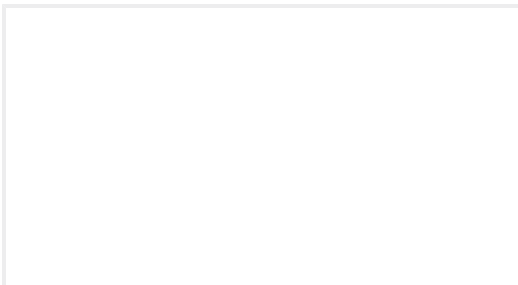
TE Part #2434396-6
2POS,MCON 1.2,REC HSG ASSY,SLD,
COD A



TE Part #2434885-2
SENSOR,TERMINAL,2.8



TE Part #2434922-1
SENSOR,TERMINAL,2.8



TE Part #2435033-1
COVER ASSY,OUT GOING DIRECT

Documents

Product Drawings

CARRIER HSG 60POS,ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1355123-3_D.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_2-1355123-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1355123-3_D.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English