

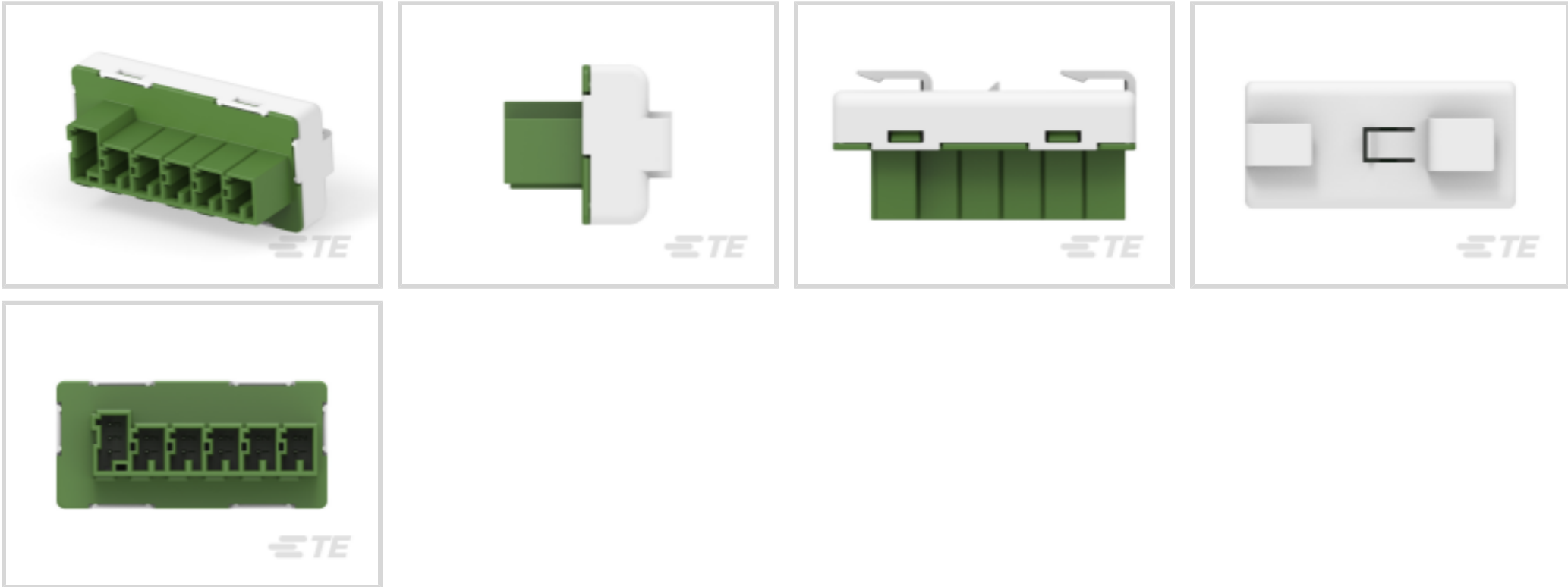


MQS

TE Internal #: 2-1418637-5
Vertical, Wire-to-Board, 13 Position, 3 Rows, 2.54mm [.1in]
Centerline, Tin (Sn), Printed Circuit Board, 7.5A Contact Current
Rating (Max), Signal

[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header



PCB Mount Orientation: **Vertical**
Contact Current Rating (Max): **7.5 A**
Termination Method to PCB: **Through Hole - Solder**
Sealable: **No**
Centerline (Pitch): **2.54 mm [.1 in]**

[All Signal Header \(237\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Connector Product Type	Connector Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	7
PCB Mount Orientation	Vertical
Number of Positions	13
Number of Rows	3



Electrical Characteristics

Operating Voltage	12 VAC
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Body Features

Connector & Keying Code	B
Primary Product Color	Green

Contact Features

Mating Tab Thickness	.63 mm[.025 in]
Contact Type	Tab
Mating Tab Width	.63 mm[.025 in]
Contact Current Rating (Max)	7.5 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	Without
Mating Retention Type	Locking Interface
Mating Alignment	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

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

Connector Length	52 mm[2.047 in]
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Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	No
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Packaging Features

Packaging Method	Loose Piece
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Other

Interface Number	114-18563
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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 with Exemptions
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 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

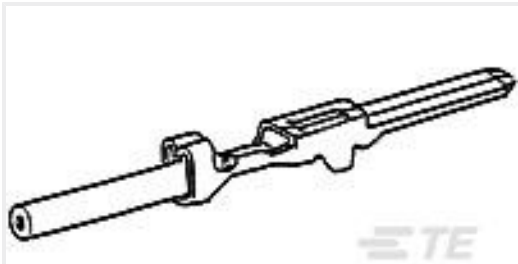




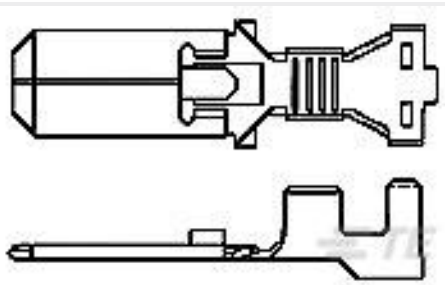
Customers Also Bought



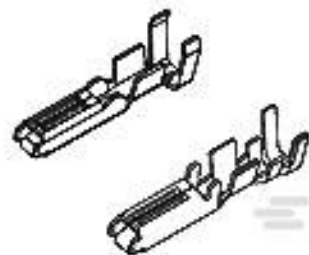
TE Part #YHV280-2PM-S-4MM-A
HVA280-2PHM,SHUNTED,4SQMM,
KEY A



TE Part #173633-1
TAB CONT. (SIGNAL) AWG#22-24



TE Part #344008-1
.250" SPEC.F.TAB (PLATED)



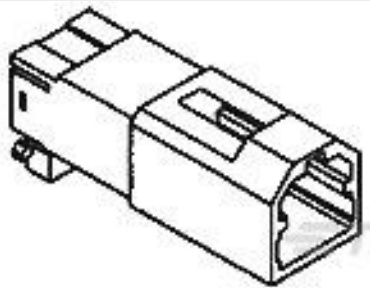
TE Part #345208-1
070 SERIES RECEPT.



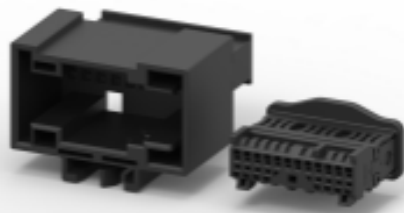
TE Part #1718762-1
MCON 1.2 LL TAB SWS SN



TE Part #1924779-1
WIRE DRESS ASSY, 96P GPEC II



TE Part #174057-2
040 MULTILOCK CAP 2P



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



TE Part #2359496-1
PLUG ASSY, 96P GPEC II KEY A RIGHT
EXIT

Documents

Product Drawings

13pos MQS .63 header 180deg

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1418637-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1418637-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1418637-5_C.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

Frame spec. for socket housing 2 pos.

English

Application Specification

English