



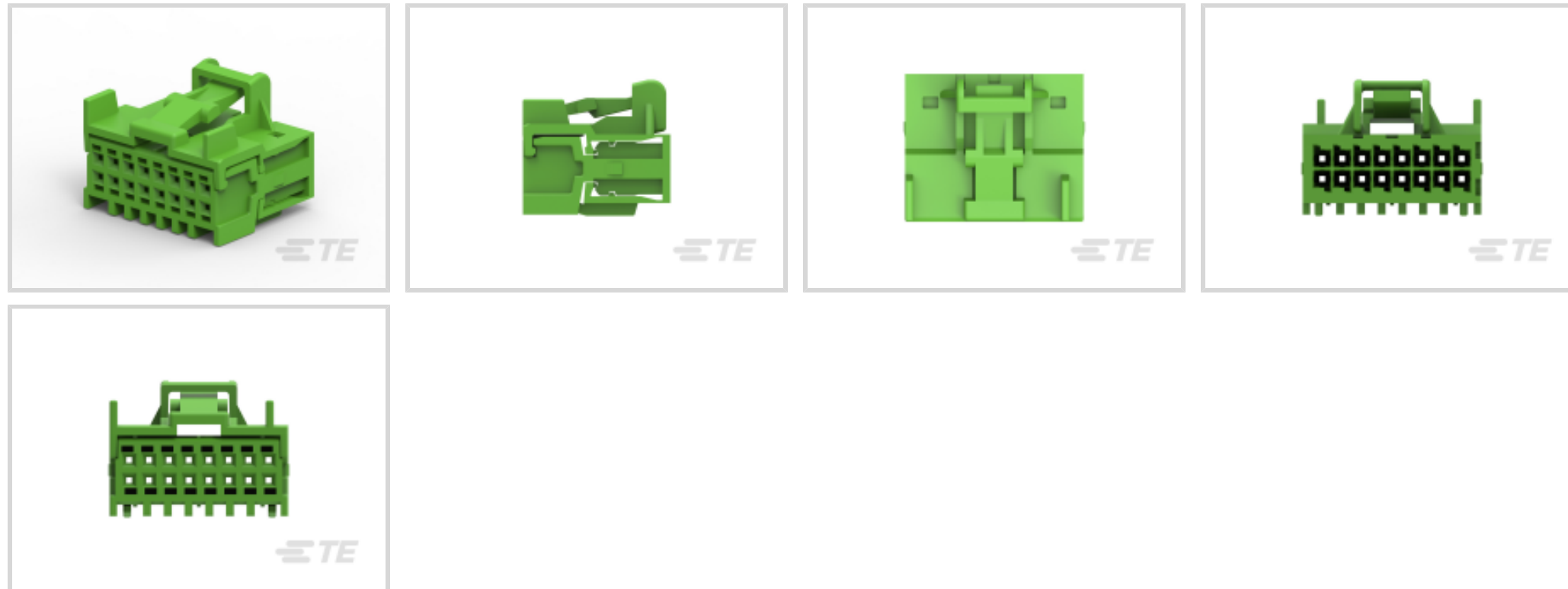
MQS

TE Internal #: 2301695-3

Housing for Female Terminals, Wire-to-Wire, 16 Position, .1 in [2.54 mm] Centerline, Natural, Signal, Cable Mount (Free-Hanging), Key A / C, MQS

[View on TE.com >](#)

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



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

Mating Tab Width: **.63 mm [.025 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **16**

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

[All MQS, CONNECTOR HOUSING \(557\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	16
Number of Rows	2

Body Features

Cable Exit Angle	Other
Body Material	PBT GF



Primary Product Color	Natural
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Connector Code	A, C
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Contact Features

Contact Size	.63mm
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Contact Type	Receptacle
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Mating Tab Width	.63 mm[.025 in]
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Mechanical Attachment

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

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

Product Width	10.05 mm[.395 in]
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Product Length	22.4 mm[.881 in]
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Product Height	18.5 mm[.728 in]
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Row-to-Row Spacing	2.54 mm[.1 in]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Bag & Box
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Other

Serviceable	Yes
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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



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



TE Part # 1-2298645-2
MQS TAB HOUSING, 32POS




TE Part # 2311622-3
16POS,TAB0.63X0.63,HDR ASSY, 90DEG,SLDR

Also in the Series | MQS




Automotive Connector Caps & Covers (131)



Automotive Connector EMC Shielding (2)



Automotive Connector Locks & Position Assurance(29)



Automotive Housings(489)



Automotive Seals & Cavity Plugs(26)



Automotive Terminals(96)



Insertion & Extraction Tools(42)

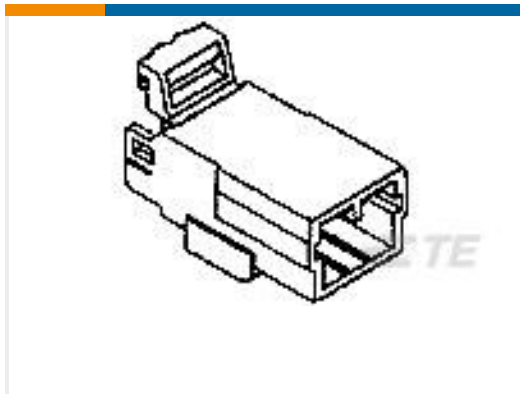


Other Automotive Connector Accessories(13)



PCB Headers & Receptacles(206)

Customers Also Bought



TE Part #368504-1
070 MLC CAP HSG 6P



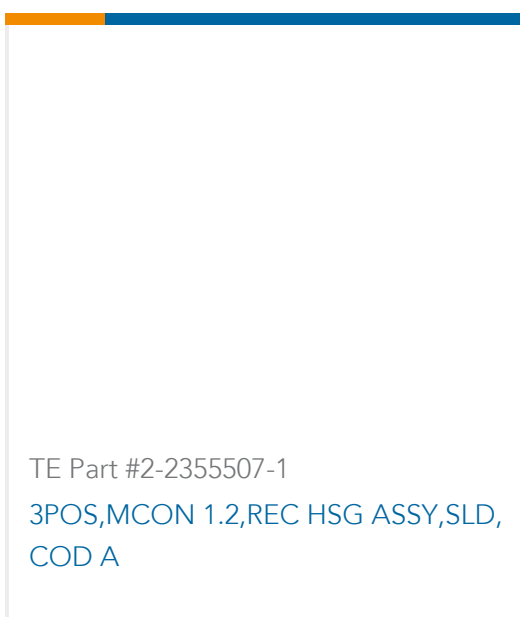
TE Part #2301238-1
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE



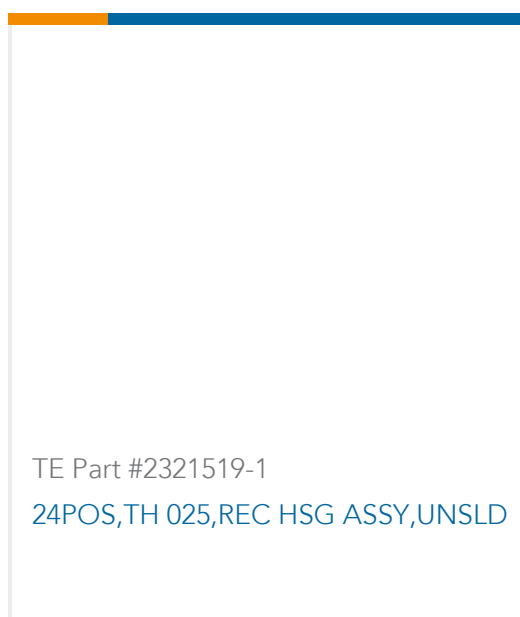
TE Part #2297911-1
12 WAY IN-LINE TAB PLUG ASSY



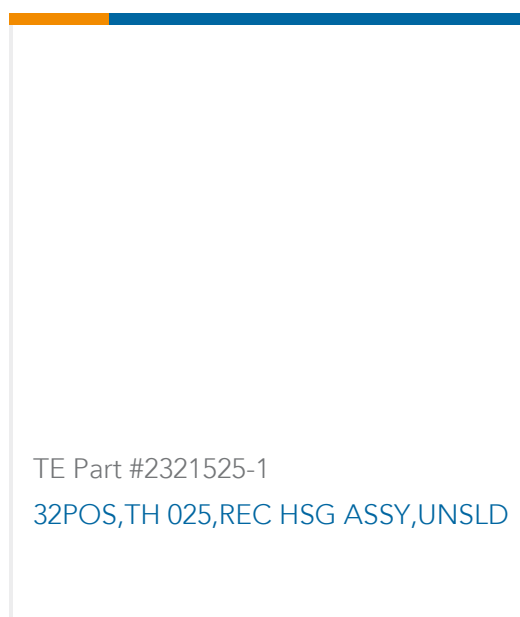
TE Part #1-2299988-1
REC CONN CVR ASSY,65POS,AMP MCP 1.5K



TE Part #2-2355507-1
3POS,MCON 1.2,REC HSG ASSY,SLD, COD A



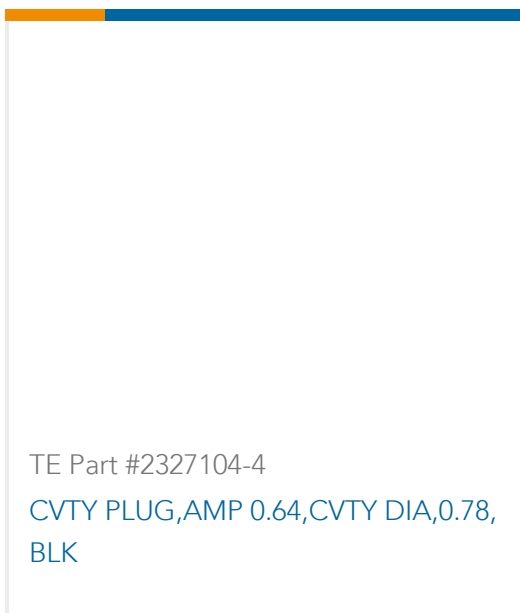
TE Part #2321519-1
24POS,TH 025,REC HSG ASSY,UNSLD



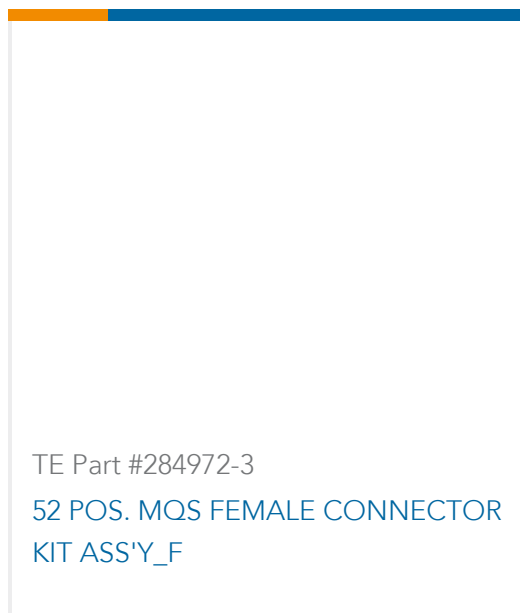
TE Part #2321525-1
32POS,TH 025,REC HSG ASSY,UNSLD



TE Part #2324321-1
025 REC CONTACT



TE Part #2327104-4
CVTY PLUG,AMP 0.64,CVTY DIA,0.78, BLK



TE Part #284972-3
52 POS. MQS FEMALE CONNECTOR KIT ASS'Y_F

Documents



Product Drawings

[16POS,MQS,REC HSG,UNSLD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2301695-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301695-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301695-3_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Micro Quadlok Interconnection System \(MQS\)](#)

English

Product Specifications

[Product Specification](#)

English