



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



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

Mating Tab Width: **.63 mm [ .024 in ]**

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

Number of Positions: **49**

Sealable: **No**

[All MCON, CONNECTOR HOUSING \(283\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Locking Lance
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	49
Number of Rows	4

Body Features

--	--



Body Material	PBT GF
Primary Product Color	Black

Contact Features

Contact Size	.5mm, .63mm, 1.2mm, 2.8K
Contact Type	Receptacle
Mating Tab Width	.63 mm[.024 in]

Mechanical Attachment

Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Other

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: JAN 2022 (223) 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 reviewed 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 Regulations, TE’s information on SVHC in



articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts


TE Part # 1241390-1 AMP MCP 2.8K, CONTACT	TE Part # CAT-M4595-T273 MCON, RECEPTACLE AND TAB	TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB	TE Part # 2301239-1 DTB TAB HSG ASSY, 49POSN., FAKRA TYPE
TE Part # 2301240-1 RETAINER, PLUG HSG., 49POSN.,	TE Part # 2296537-3 REM MONO 1.2 TERMINAL	TE Part # 2298002-1 SECONDARY LOCK, MQS/MCON1.2, DTB 50P	

Also in the Series | MCON Interconnection System

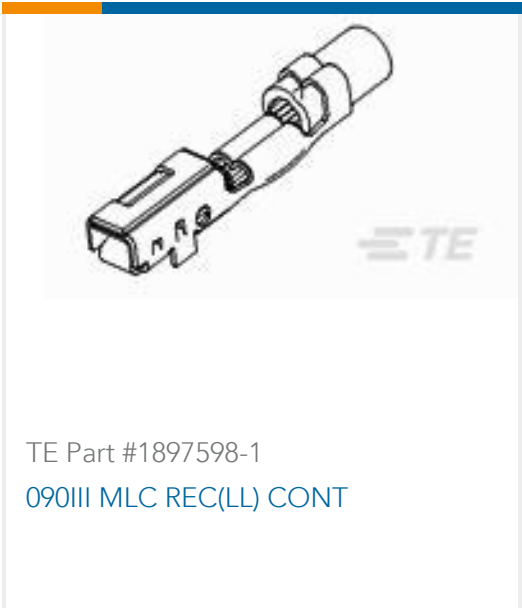
Automotive Connector Caps & Covers (24)	Automotive Connector Locks & Position Assurance(11)	Automotive Housings(288)	Automotive Seals & Cavity Plugs(4)
Automotive Terminals(113)	Insertion & Extraction Tools(31)	Other Automotive Connector Accessories(6)	PCB Headers & Receptacles(1)

Customers Also Bought







TE Part #284224-2  
MQS, CONNECTOR HOUSING



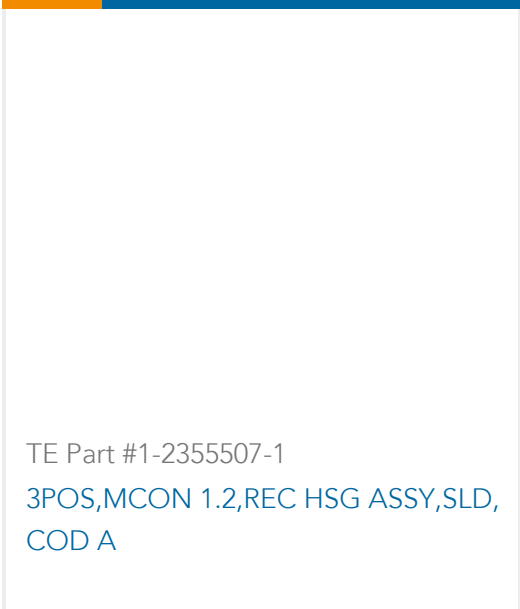
TE Part #1897598-1  
090III MLC REC(LL) CONT



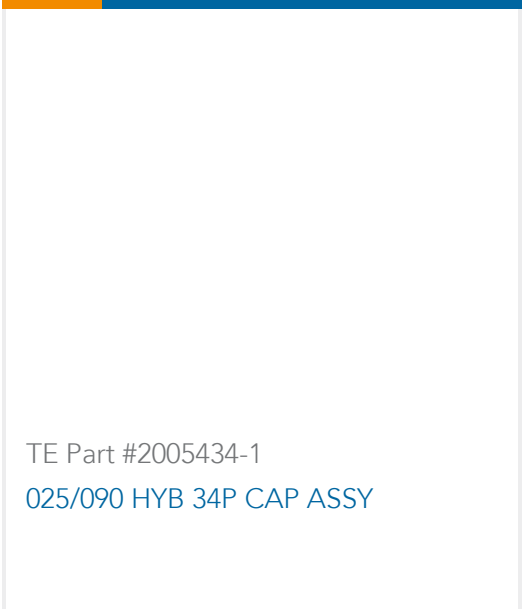
TE Part #2298627-1  
24POS, HYBRID, TAB HSG ASSY, UNSLD, COD A



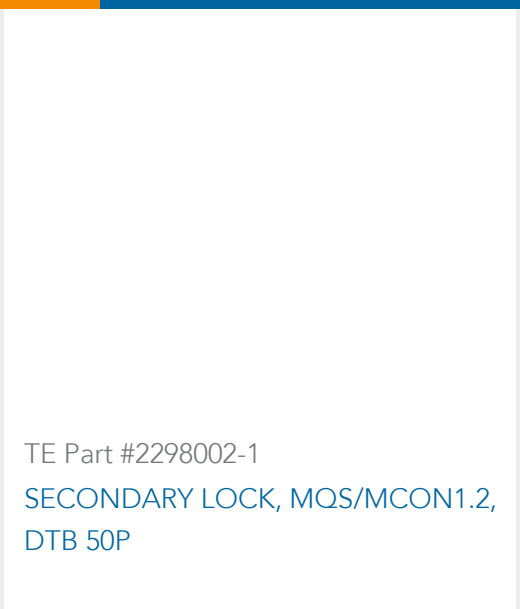
TE Part #2209954-1  
AIRBAG 24P COVER ASSY



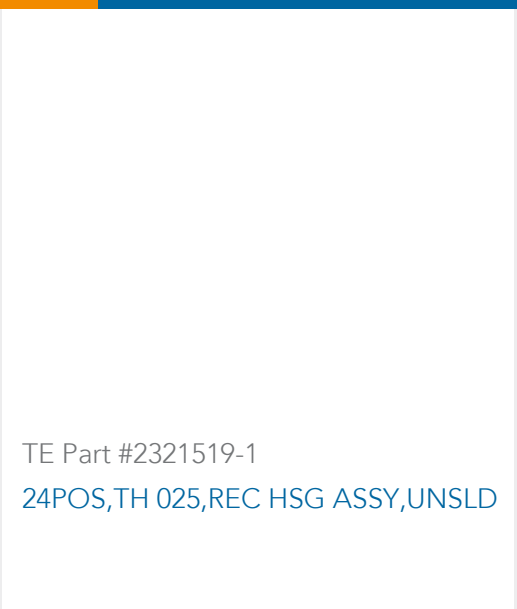
TE Part #1-2355507-1  
3POS, MCON 1.2, REC HSG ASSY, SLD, COD A




TE Part #2005434-1  
025/090 HYB 34P CAP ASSY



TE Part #2298002-1  
SECONDARY LOCK, MQS/MCON1.2, DTB 50P



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



TE Part #2324321-1  
025 REC CONTACT

Documents

Product Drawings  
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2301238-1\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2301238-1\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2301238-1\_A.3d\_stp.zip  
English

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

Datasheets & Catalog Pages



MCON Interconnection System

English

Product Specifications

108-101436

English