



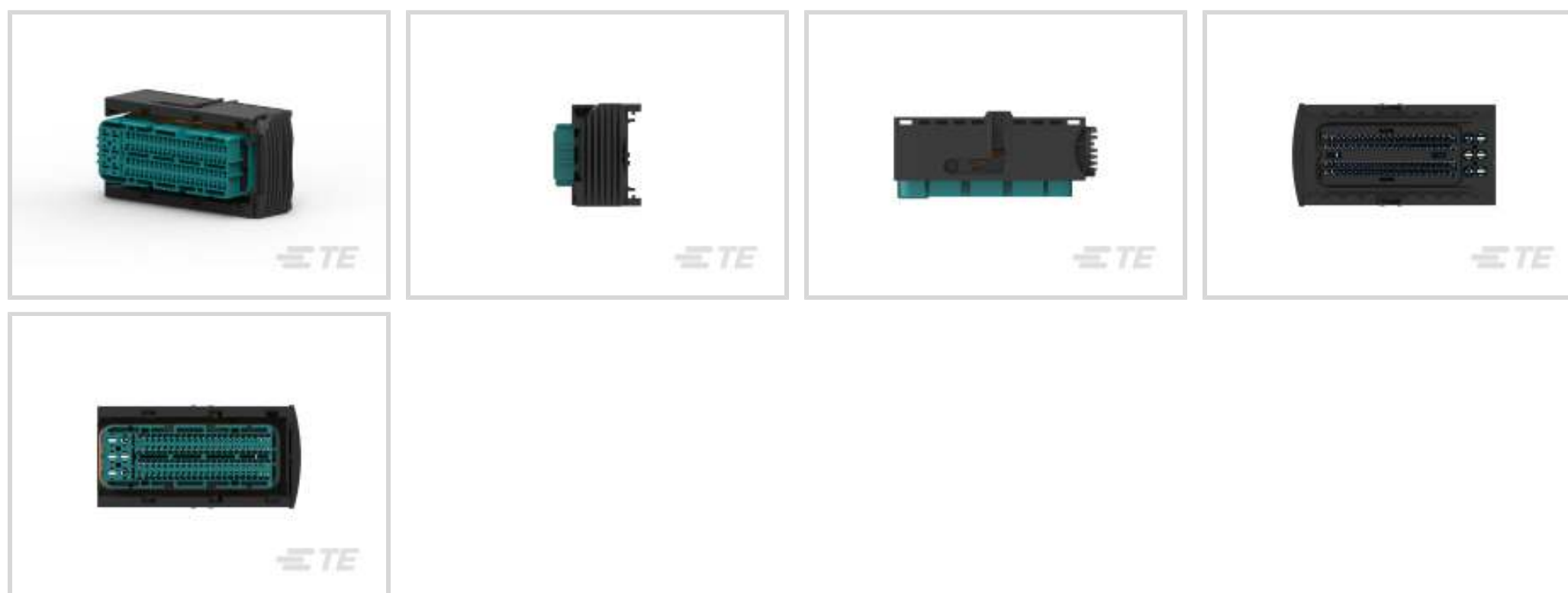
MQS

TE Internal #: 2209545-9

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 94 Position, .098 in [2.5 mm] Centerline, Black, Signal, Cable Mount (Free-Hanging), MQS

[View on TE.com >](#)

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



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

Mating Tab Width: .64 mm, 1.5 mm, 2.8 mm [.025 in, .059 in, .11 in]

Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **94**

Centerline (Pitch): **2.5 mm [.098 in]**

[All MQS, CONNECTOR HOUSING \(571\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	94
Number of Rows	4

Body Features

Primary Product Color	Black
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Contact Features

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Contact Size	.63mm, 1.5mm, 2.8K
Contact Type	Receptacle
Mating Tab Width	.64 mm, 1.5 mm, 2.8 mm [.025 in][.059 in][.11 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.5 mm [.098 in]

Dimensions

Connector Height	29 mm [1.142 in]
Product Width	43 mm [1.692 in]
Product Length	85.25 mm [3.356 in]
Row-to-Row Spacing	2.5 mm [.098 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IPX9K
Agency/Standard	DIN IEC 512
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

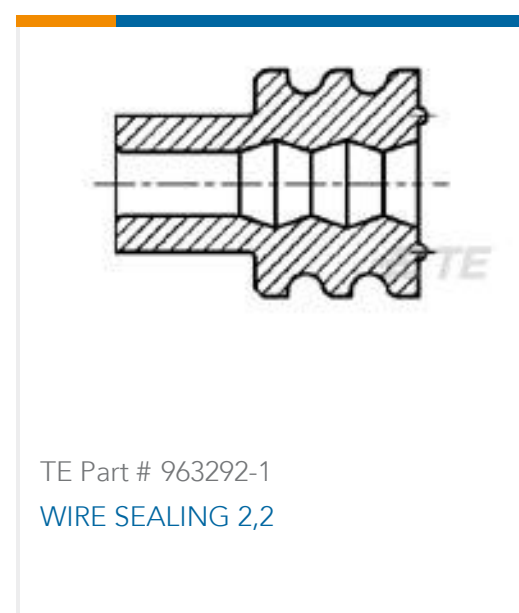
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

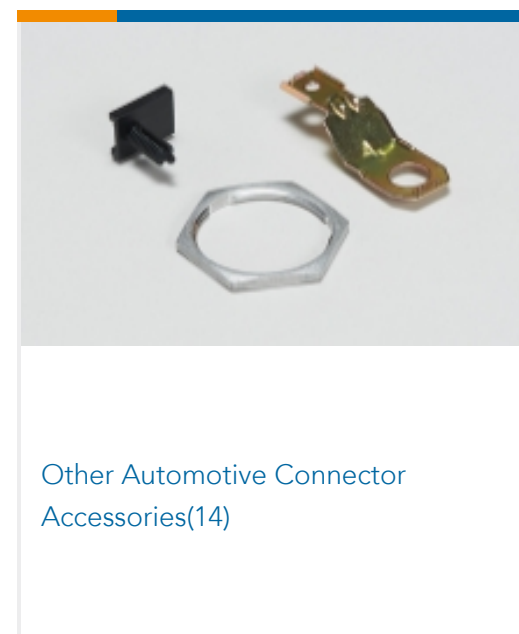
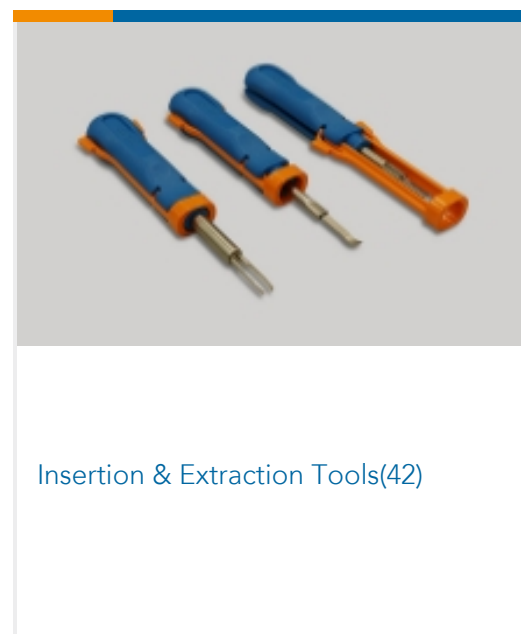
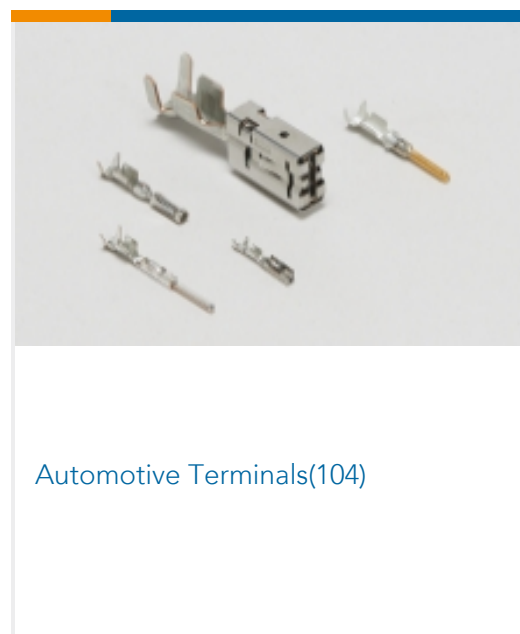
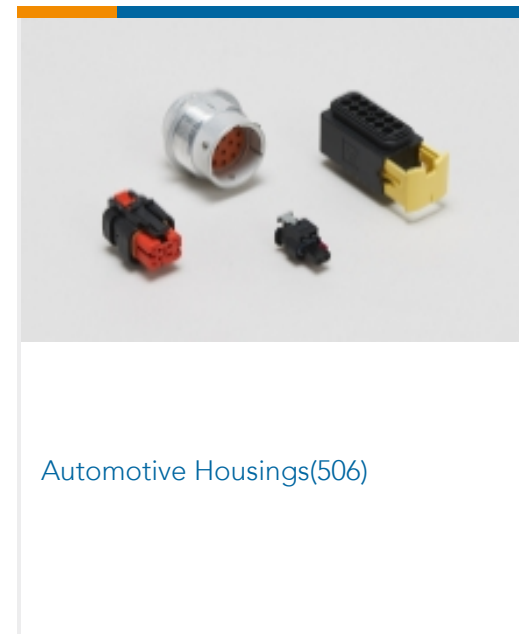
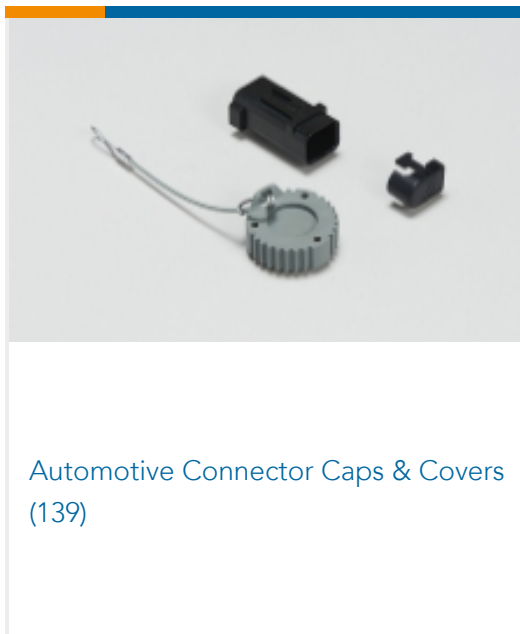
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

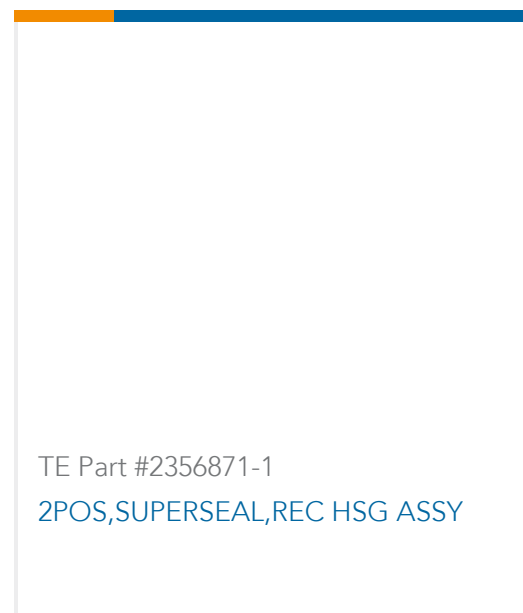
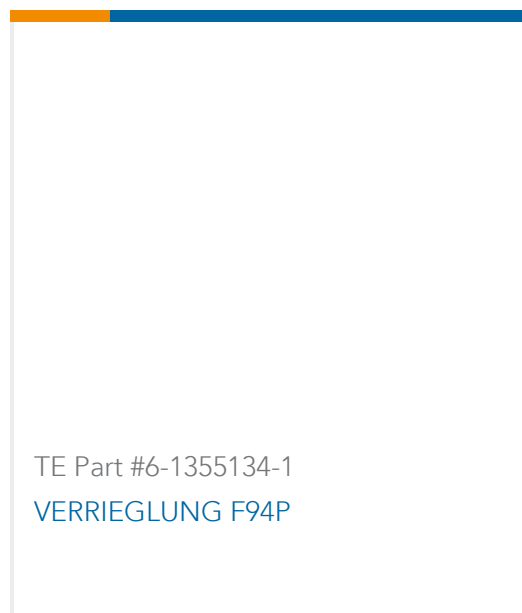
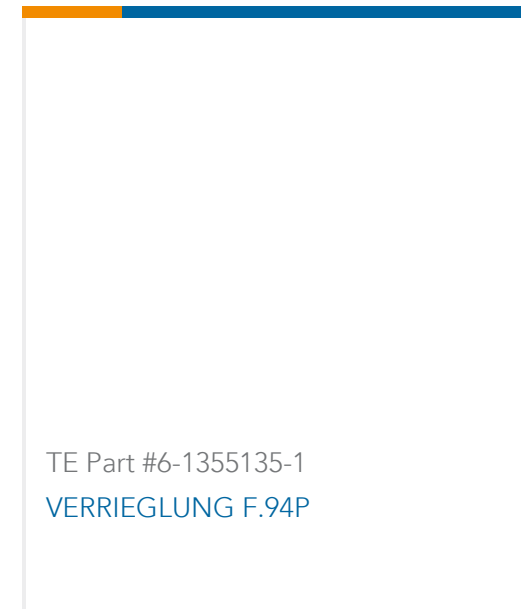
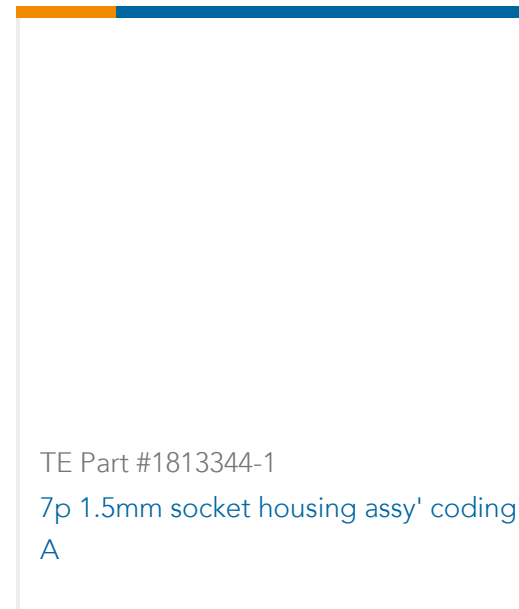




Also in the Series | **MQS**



Customers Also Bought



Documents

Product Drawings

94P PLUG ASSY, NORMAL CODING

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2209545-9_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2209545-9_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2209545-9_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

Application Specification

English