

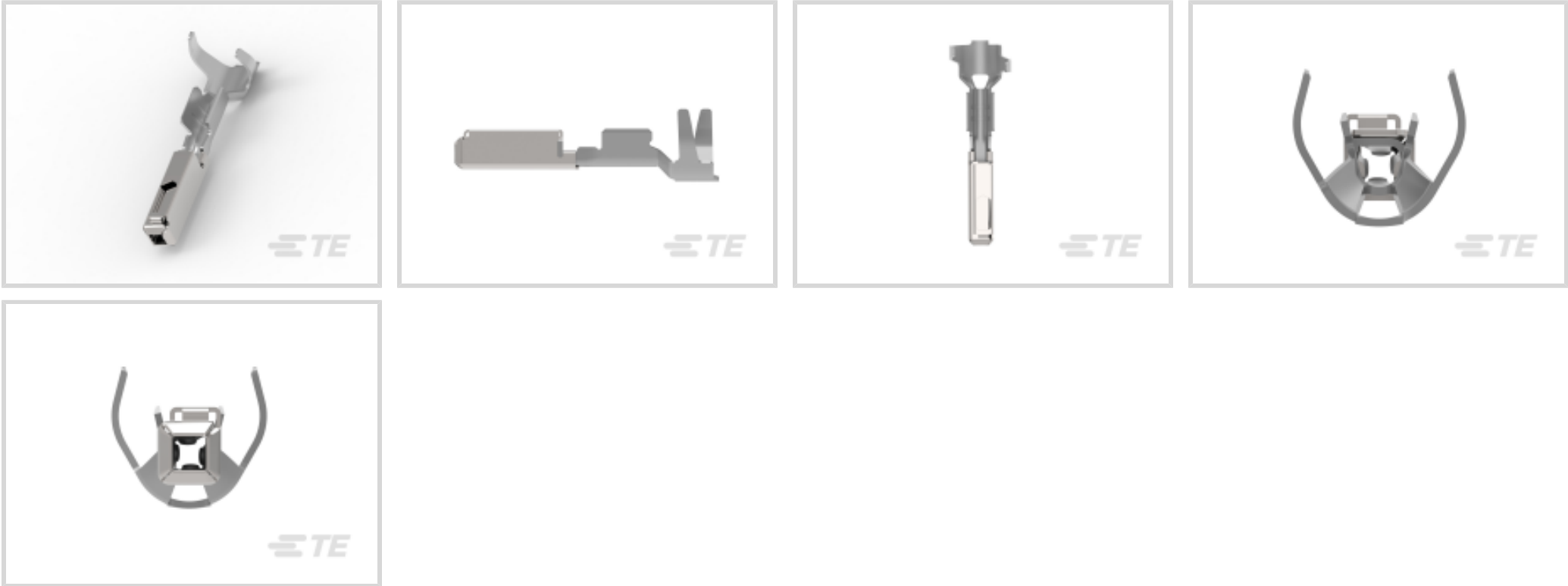


MQS

TE Internal #: 1703032-1
Receptacle Terminal, 20 – 18 AWG, .5 – .75 mm² Wire, .63 mm [.025 in] Tab Width, Tin (Sn), Sealable, .63 mm [.025 in] Tab Thickness

[View on TE.com >](#)

Automotive Parts > Automotive Terminals > MQS, RECEPTACLE AND TAB



Terminal Type: **Receptacle**
Wire Size: **20 – 18 AWG**
Mating Tab Width: **.63 mm [.025 in]**
Interface Plating: **Tin (Sn)**

[All MQS, RECEPTACLE AND TAB \(97\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
--------------------	------------------------

Contact Features

Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Contact Size	.63mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.63 mm[.025 in]



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 2 mm[.055 – .079 in]
Wire Size	20 – 18 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm²
Tab Length	14.5 mm[.57 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Packaging Features

Packaging Method	Reel
Packaging Quantity	8000

Other

Terminal Transmits	0 – 24 A (Low Power)
--------------------	----------------------

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

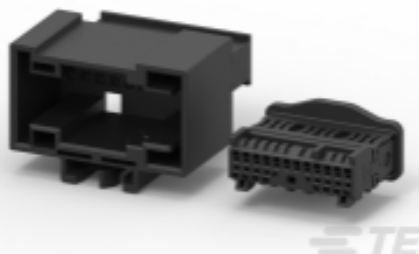


KIT

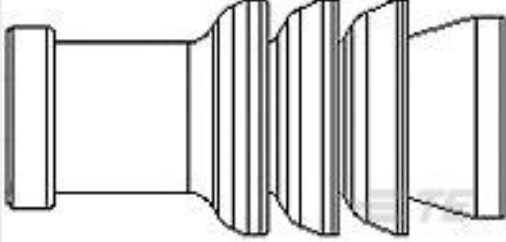
TE Part # 7-2836570-7
[OCEAN_2.0_SPARE_PART_KIT-055F130O](#)



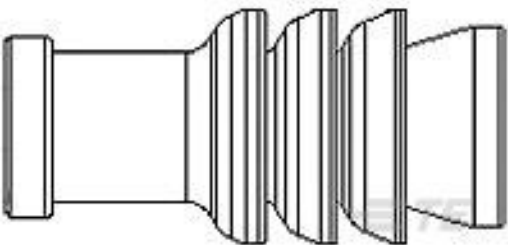
TE Part # 967056-1
[MOS BLINDSTOPFEN4MM](#)



TE Part # CAT-M8793-CH8172
[MQS, CONNECTOR HOUSING](#)



TE Part # 963142-1
[MQS SINGLE-WIRE SEAL FOR 4MM](#)



TE Part # 967067-1
[MQS SGL WIRE SEAL](#)



TE Part # 2836570-2
[OCEAN_2.0_Applicator-S-055F130O-RSA](#)



TE Part # 2836570-1
[OCEAN_2.0_Applicator-S-055F130O-RSM](#)



TE Part # 6-1579007-0
[EXTRACTION TOOL](#)

Customers Also Bought



TE Part #6-456402-8
[CRIMPER, WIRE .055 "F"](#)

TE Part #2-1633621-6
[ANVIL, COMBINATION](#)

CRIMPER

TE Part #8-1633713-7
[CRIMPER, WIRE F PREMIUM](#)

CRIMPER

TE Part #2-1803464-7
[CRIMPER, INSULATION O](#)





ANVIL

REPRESENTATION ONLY

TE Part #2-1803512-2

ANVIL, COMBINATION



TE Part #1924879-2

GET, FEM TERM, AG, THIN, B-CRI



TE Part #2-2236706-1

2-POS. SEALED 2.8MM USCAR
CLEAN BODY FOR

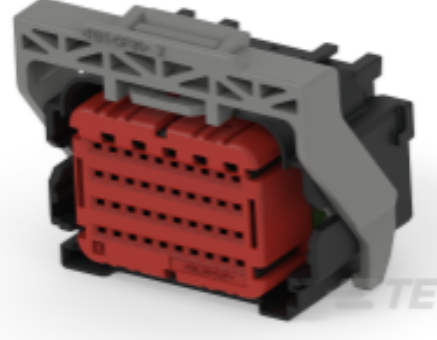


TE Part #3-1438103-8

GET 24 WAY ARM PLUG NSB, KEY A

TE Part #3-1803767-5

CRIMPER,WIRE F



TE Part #5-1924513-4

GET 40 WAY HARNESS ASSY, KEY J

Documents

Product Drawings

MQS0,63 Sn rec CB EDS 0,5-0,75

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1703032-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1703032-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1703032-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English