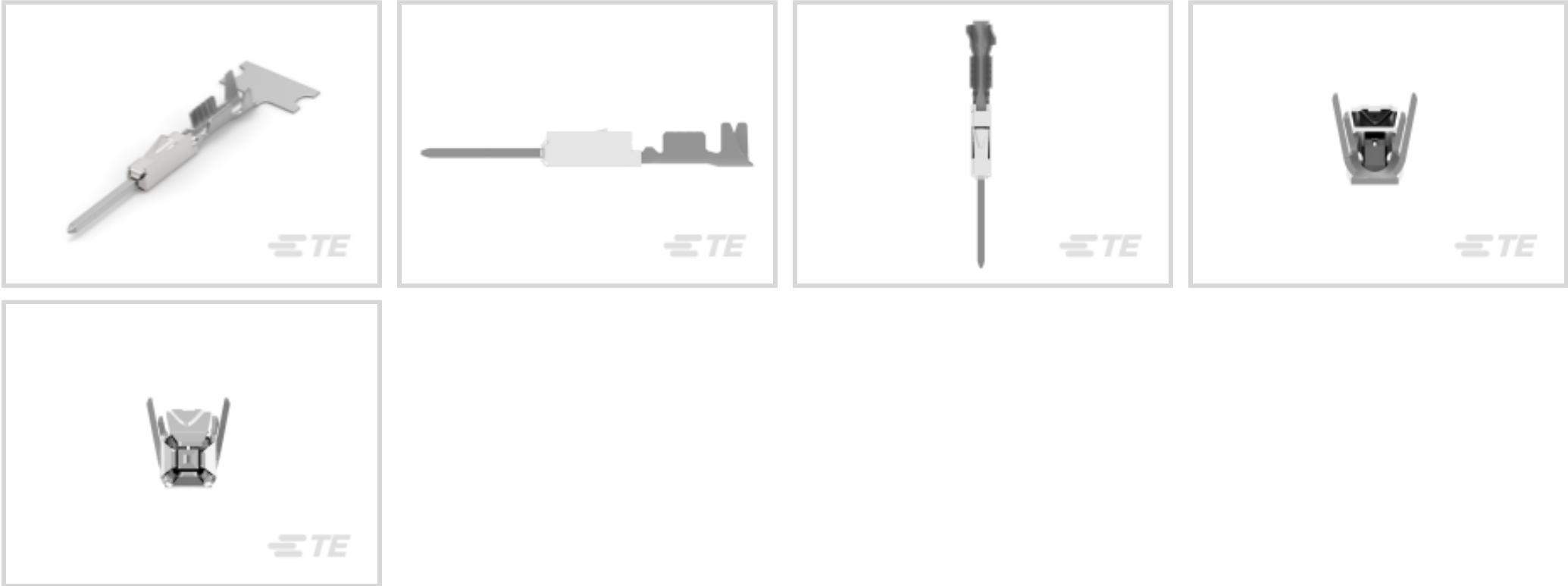




MQS

TE Internal #: 5-963716-1
Pin Terminal, 20 – 18 AWG, .5 – .75 mm² Wire, .63 mm [.025 in] Tab Width, Tin (Sn), .63 mm [.025 in] Tab Thickness, Unsealed
[View on TE.com >](#)

Automotive Parts > Automotive Terminals > MQS, RECEPTACLE AND TAB



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

[All MQS, RECEPTACLE AND TAB \(69\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Body Features

Terminal Seal Type	Unsealed
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Contact Features

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



Mating Tab Thickness	.63 mm[.025 in]
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm[.055 – .074 in]
Wire Size	20 – 18 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm²
Tab Length	21.5 mm[.85 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
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	DIN 72036
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Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Other

Terminal Transmits	0 – 24 A (Low Power)
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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
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

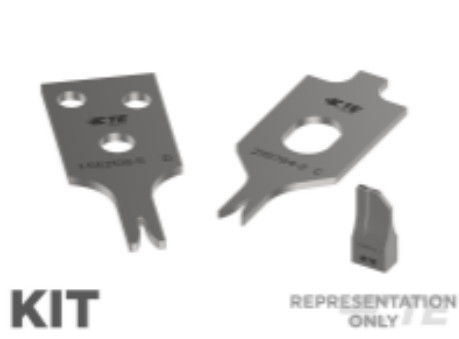
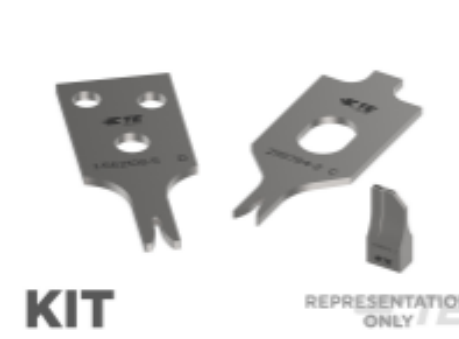
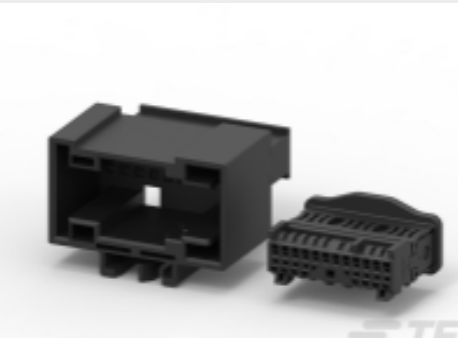


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for 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

 KIT REPRESENTATION ONLY TE Part # 7-2837765-7 OCEAN_2.0_SPARE_PART_KIT-055F080O	 TE Part # 3-1579001-5 ERGO DIE MQS 0,5-0,75	 TE Part # 2151491-2 OCEAN_2.0_APPLICATOR-S-055F080O-RSA	 KIT REPRESENTATION ONLY TE Part # 7-2151491-7 OCEAN_2.0_SPARE_PART_KIT-055F080O
 TE Part # 6-1579007-1 EXTRACTION TOOL	 TE Part # 2837765-2 OCEAN-2.0-APPLICATOR-S-055F080O-RSA	 TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING	 TE Part # 2298627-1 24POS, HYBRID, TAB HSG ASSY, UNSLD, COD A



TE Part # 1579028-8
EXTRACTION TOOL



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 2390077-1
SDE F MQS PIN/SKT 0.75-0.50mm2
ASSY



TE Part # 2390077-2
SDE F MQS PIN/SKT 0.75-0.50mm2
DIE SET



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No
Crimp



TE Part # 2389098-1
2POS, MQS, TAB HSG, UNSLD, COD A



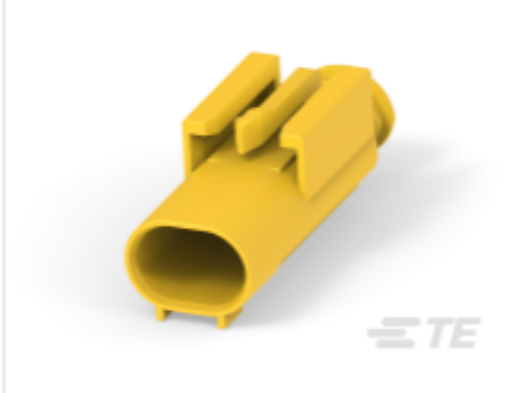
TE Part # 963730-1
MQS PIN CONTACT WITH SPRING



TE Part # 7-2151867-7
OC-055F0800-CRIMPTOOLINGKIT



TE Part # 2151491-1
OCEAN_2.0-APPLICATOR-S-
055F0800-RSM



TE Part # 7-967570-3
2POS MQS TAB SEALED COD A



TE Part # 2837765-1
OCEAN-2.0-APPLICATOR-S-
055F0800-RSM



TE Part # 2298637-1
60POS, HYBRID, TAB HSG ASSY,
UNSLD, COD A

Customers Also Bought



TE Part #829131P051
ES2000-NO.1-C1-0-40MM



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



TE Part #CAT-N02-MUC063
MQS 0.63mm Unsealed Connectors



TE Part #1563124-1
2. LOCK, 10 POS FEM HOUSING



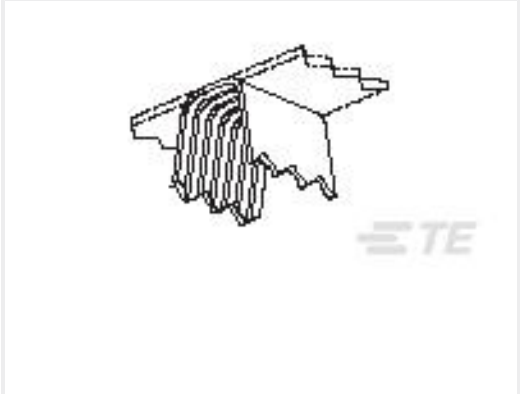
TE Part #4-2176612-6
EP 3W (SS) 75R 5%



TE Part #1-2304514-2
2POS, MCON 1.2, REC HSG ASSY, SLD,
COD B



TE Part #2386146-4
2P GENERATION Y Plug, Single-P



TE Part #1601661-1
L076D18B=RTM 1600-4000

Documents



Product Drawings

[MQS0,63 Sn tab LL unseal. 0,5-0,75](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-963716-1_W_c-5-963716-1-w.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-963716-1_W_c-5-963716-1-w.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-963716-1_W_c-5-963716-1-w.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English

[Application Specification](#)

English