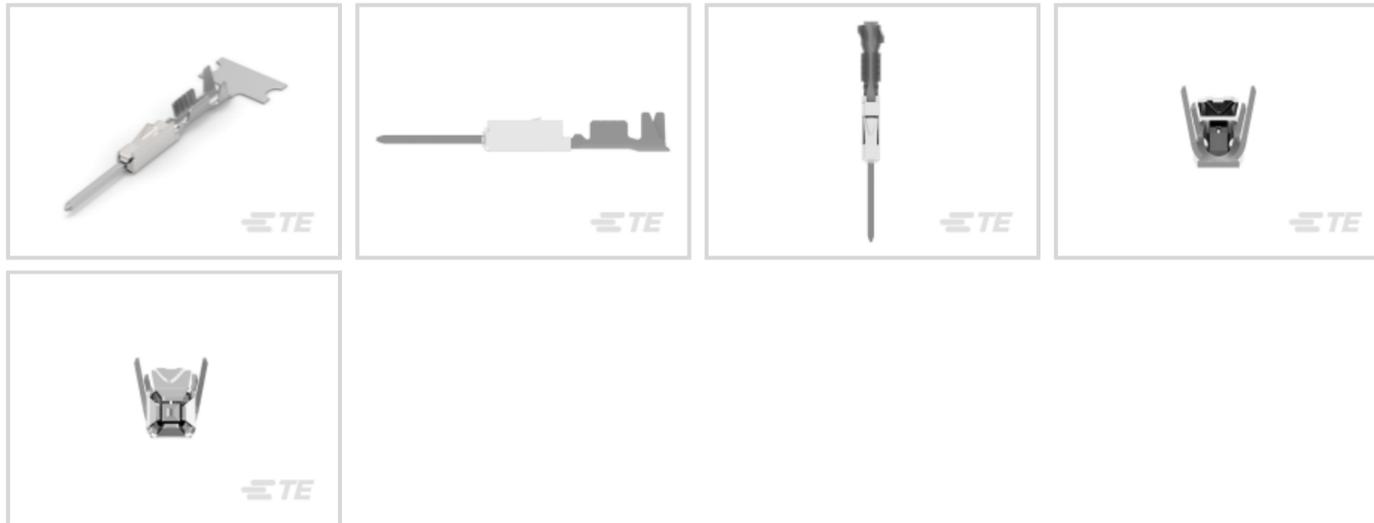# 5-963716-1 ✔ ACTIVE

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 (96)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Body Features

Terminal Seal Type	Unsealed

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)

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

Mating Tab Thickness	.63 mm[.025 in]

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	LV214

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

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

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

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

TE Part # 2837765-2

OCEAN-2.0-APPLICATOR-S-055F080O-RSA

TE Part # CAT-M8793-CH8172

MQS, CONNECTOR HOUSING

TE Part # 1579028-8

EXTRACTION TOOL

TE Part # 2298627-1
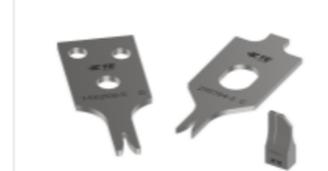
24POS,HYBRID,TAB HSG ASSY, UNSLD,COD A
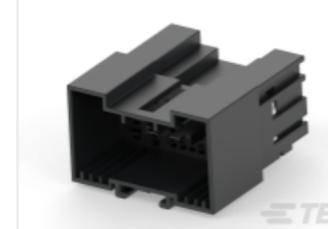
TE Part # 1452426-1

EXTRACTION TOOL

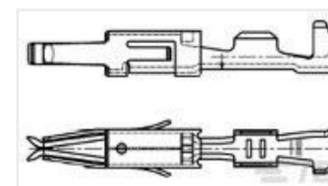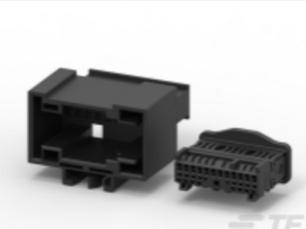TE Part # 2390077-2

SDE F MQS PIN/SKT 0.75-0.50mm2 DIE SET

TE Part # 2390077-1

SDE F MQS PIN/SKT 0.75-0.50mm2 ASSY

TE Part # 2305570-1

Strip Terminal Cutter-Side Feed-No Crimp

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

TE Part # 7-2837765-7
OCEAN_2.0_SPARE_PART_KIT-055F080O

TE Part # 2151491-2
OCEAN_2.0_APPLICATOR-S-055F080O-RSA

TE Part # 3-1579001-5
ERGO DIE MQS 0,5-0,75

TE Part # 6-1579007-1
EXTRACTION TOOL

TE Part # 7-2151491-7
OCEAN_2.0_SPARE_PART_KIT-055F080O

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

TE Part # 7-2151867-7
OC-055F080O-CRIMPTOOLINGKIT

TE Part # 2151491-1
OCEAN_2.0_APPLICATOR-S-055F080O-RSM

TE Part # 963730-1
MQS PIN CONTACT WITH SPRING

TE Part # 2837765-1
OCEAN-2.0-APPLICATOR-S-055F080O-RSM

TE Part # 5-2151491-2
OCEAN_2.0_APPLICATOR-S-055F080O-RSA

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

Customers Also Bought

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

TE Part #8-320559-5
SPLC BUTT PIDG 22-16C 22-18M

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

TE Part #965914-1
MT3 REC 1.6 Contact SRC Au

TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING

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

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

Documents

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

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

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

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English

Application Specification

English