



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



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

Number of Positions: **81**

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

Centerline (Pitch): **2.9 mm [.114 in]**

Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(360\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	81
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

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Contact Size	.63mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.63 mm, 2.8 mm[.024 in][.11 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.9 mm[.114 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	33
Packaging Method	Tray

Other

Connector Position Assurance Capable	No
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free





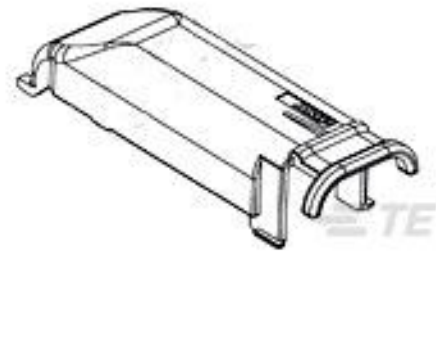
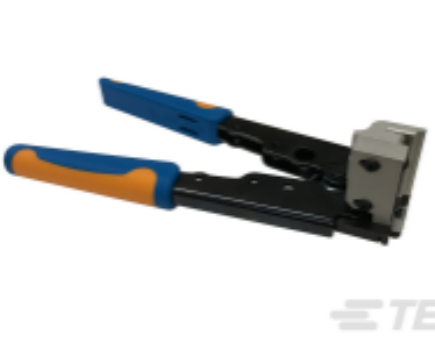

Solder Process Capability

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

 <div>TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</div>	 <div>TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB</div>	 <div>TE Part # 368389-1 COVER HSG FOR 81P(SIEMENS)</div>	 <div>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</div>
 <div>TE Part # 368146-1 ECU 115P HDR ASS'Y</div>	<div>TE Part # 368377-1 FRONT BODY REC HSG FOR 81P</div>	<div>TE Part # 368378-1 MAIN BODY REC HSG FOR 81P</div>	<div>TE Part # 368379-1 SLIDER FOR 81P</div>
<div>TE Part # 368904-1 76 WAY FAMILY SEAL 81P REC HSG</div>	<div>TE Part # 368905-1 PERIPHERAL SEAL 81P REC HSG</div>	<div>TE Part # 368380-1 SEAL RETAINER FOR 81P BLACK</div>	

Also in the Series | CGS HS



Automotive Housings(9)	Chassis Mount Resistors(1068)	FFC Connectors(1)	High Speed Backplane Connectors(10)
Plug & Socket Lighting Connector Accessories(1)	RJ45 Connectors(1)	Wire-to-Board Connector Assemblies & Housings(1)	

Customers Also Bought

TE Part #368388-1 MQS RETAINER HSG FOR 40P	TE Part #368389-1 COVER HSG FOR 81P(SIEMENS)	TE Part #172236-2 POSITIVE LOCK 312 HOUSING	TE Part #160526-4 FF 250 REC 0.5-1.5MM2 TPPB
TE Part #2817593002 44/7031-22-5	TE Part #178004-2 FF 250 PLUG HSG 4P NYLON BLACK	TE Part #1903608-1 0.50 SERIES CONN 12POS PLUG HOUSING ASSY	TE Part #2811923002 44/7031-22-0
TE Part #2816403002 44/7031-22-2	TE Part #4-6437630-8 FTH0904=MINIATURE TOGGLE		

Documents



Product Drawings

81P REC HSG ASSY(SIEMENS) BLK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_368376-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_368376-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_368376-1_G.3d_stp.zip

English

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Product Specifications

Application Specification

English