



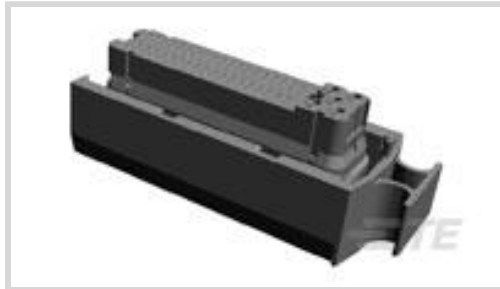
CGS HS

TE Internal #: 368376-1

Housing for Female Terminals, Wire-to-Board, 81 Position, .114 in [2.9 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, CGS HS

[View on TE.com >](#)

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 \(573\)](#)

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



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



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



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



TE Part # 368389-1
COVER HSG FOR 81P(SIEMENS)



TE Part # 1-2219100-2
ECU 81P HDR ASSY



TE Part # 539682-2
ERGOCRIMP DIE SET MQS



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



TE Part # 5-1579001-7
CSV10 MQS 0,5-0,75




TE Part # 368146-1
ECU 115P HDR ASS'Y

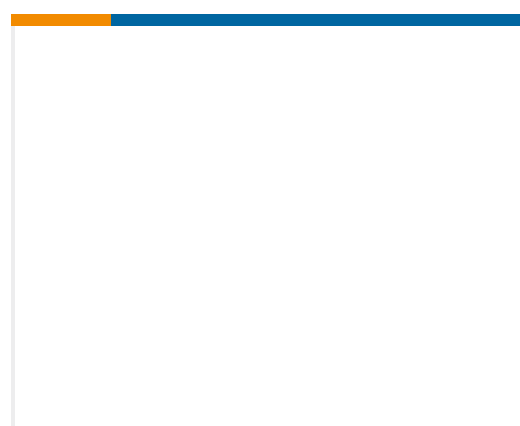
TE Part # 368377-1
FRONT BODY REC HSG FOR 81P

TE Part # 368378-1
MAIN BODY REC HSG FOR 81P


TE Part # 368379-1
SLIDER FOR 81P



TE Part # 368904-1
76 WAY FAMILY SEAL 81P REC HSG




TE Part # 368905-1
PERIPHERAL SEAL 81P REC HSG




TE Part # 368380-1
SEAL RETAINER FOR 81P BLACK


Also in the Series | CGS HS




Automotive Housings(31)



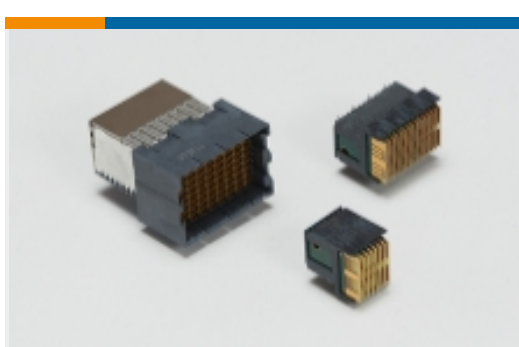
Card Edge Connector Housings(2)



Chassis Mount Resistors(603)




FFC Connectors(1)



High Speed Backplane Connectors(11)



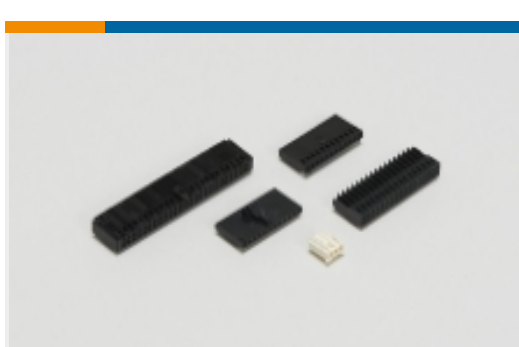
PCB Headers & Receptacles(2)



Plug & Socket Lighting Connector Accessories(1)



RJ45 Connectors(1)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



TE Part #3-1534904-2
MQS, CONNECTOR HOUSING



TE Part #927771-9
JPT REC 2.8 Contact SRC Au



TE Part #1-1718484-4
CARRIER FOR RECEPTACLE INSERTS



TE Part #1326031-8
2.8MM BLD,SEAL,18AWG,REVREEL



TE Part #368389-1
COVER HSG FOR 81P(SIEMENS)



TE Part #1-2203769-2
Plug Ass'y, 2P Sealed, Key B, CPA



TE Part #4-928776-7
AMP MODU II ACTION PIN IN
PLASTIC REEL



TE Part #ASX602-03PD-HE
PLUG ASSY AS SIZE 2 3 WAY



TE Part #3-1904131-0
V23134B4052X546-EV-CBOX

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

[ECU 121P CONNECTOR](#)

English

Product Specification

English