



TE Internal #: 2050036-4
Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 64
Position, 2.5 mm / 3.7 mm [.09 in / .14 in] Centerline, Sealable,
Black, Wire & Cable
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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device**
Number of Positions: **64**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.5 mm, 3.7 mm [.09 in, .14 in]**
Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
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	64
Number of Rows	4

Body Features

Primary Product Color	Black
Connector & Keying Code	1

Contact Features

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Contact Size	.63mm, 1.5mm
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Mechanical Attachment

Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.5 mm, 3.7 mm [.09 in][.14 in]

Dimensions

Connector Height	36 mm[1.41 in]
Product Width	34.9 mm[1.37 in]
Product Length	49.75 mm[1.95 in]
Row-to-Row Spacing	4.2 mm[.16 in]

Operation/Application

Circuit Application	Signal
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Other

Connector Position Assurance Capable	Yes
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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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.





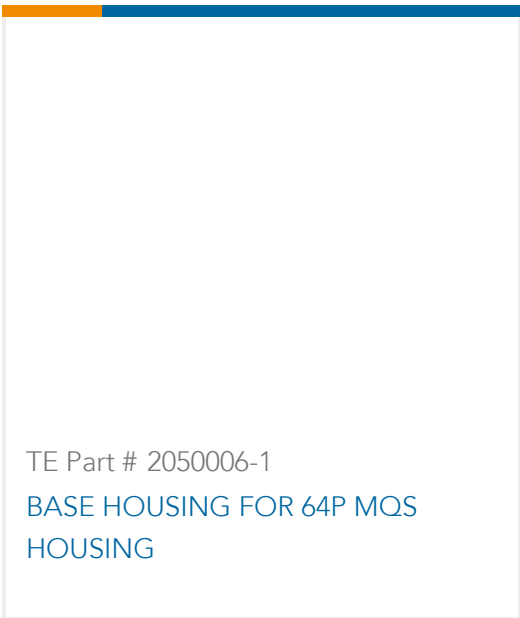
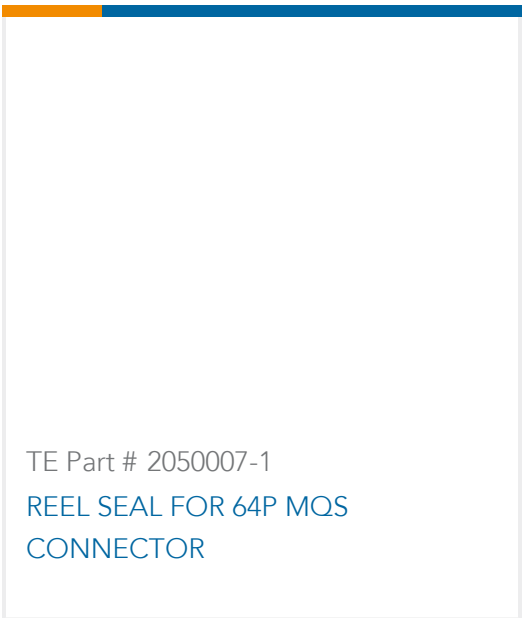
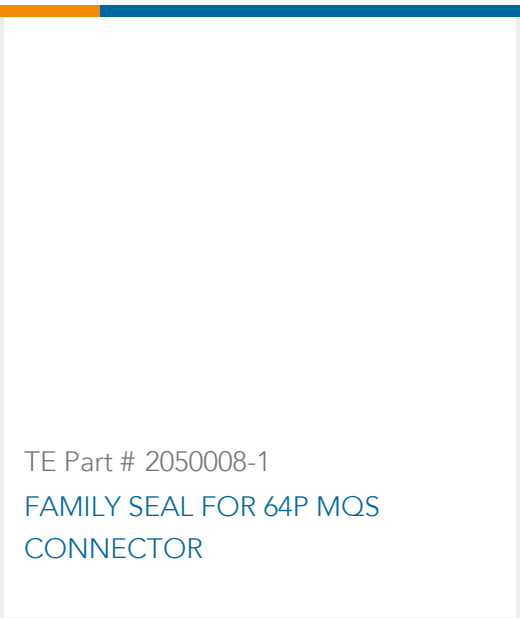
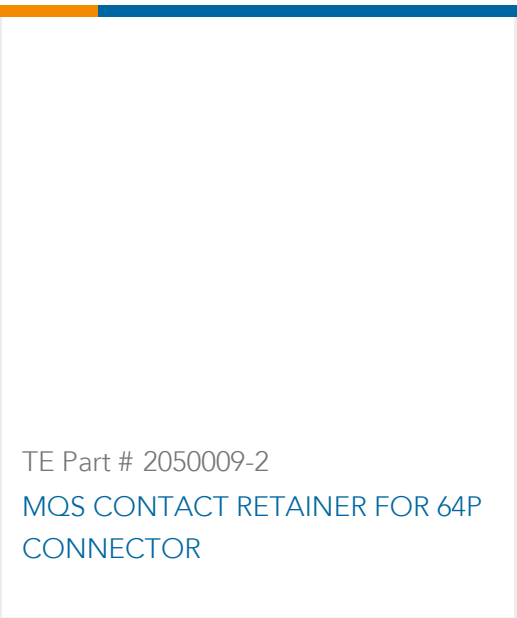
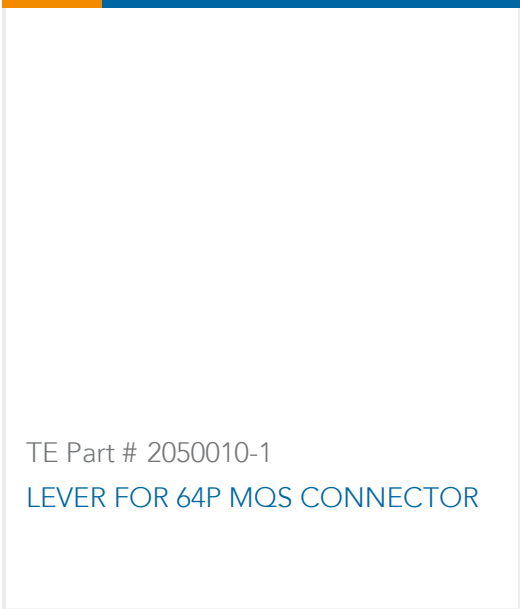
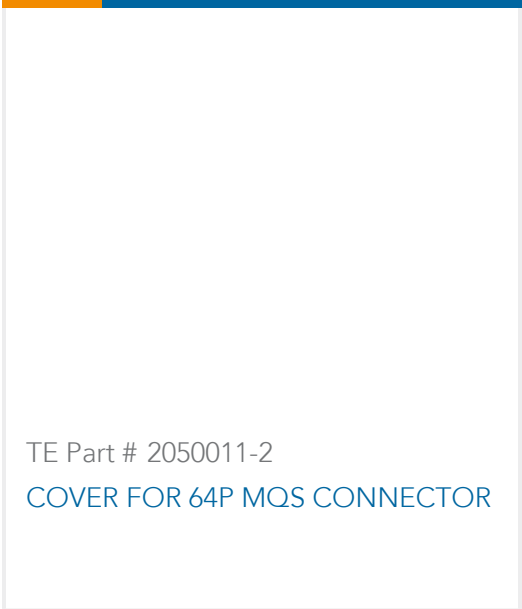
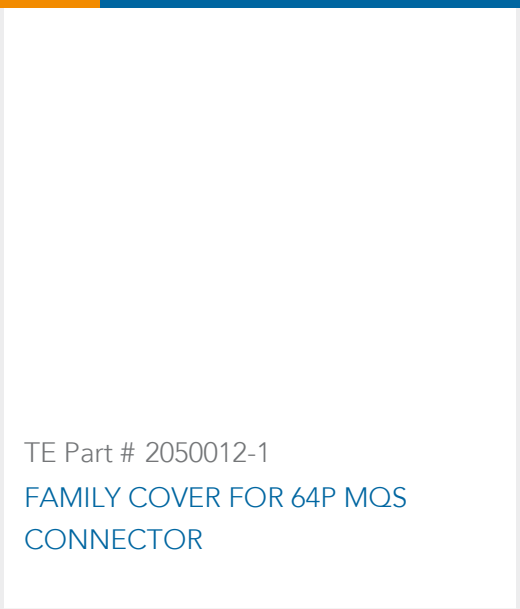



Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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

 <p>TE Part # 1394871-1 MQS Dichtstopfen</p>	 <p>TE Part # CAT-A11-T273 1.5/2.8 Connector System, Recpt and Tab</p>	 <p>TE Part # 1670108-1 Blind Plug Female 1.5</p>	 <p>TE Part # 2050005-1 Front Cover for 64P MQS Housing</p>
 <p>TE Part # 2050006-1 Base Housing for 64P MQS Housing</p>	 <p>TE Part # 2050007-1 Reel Seal for 64P MQS Connector</p>	 <p>TE Part # 2050008-1 Family Seal for 64P MQS Connector</p>	 <p>TE Part # 2050009-2 MQS Contact Retainer for 64P Connector</p>
 <p>TE Part # 2050010-1 Lever for 64P MQS Connector</p>	 <p>TE Part # 2050011-2 Cover for 64P MQS Connector</p>	 <p>TE Part # 2050012-1 Family Cover for 64P MQS Connector</p>	 <p>TE Part # 2050004-4 64P ECU Plug Connector</p>



TE Part # 2050013-2
SHORT RETAINER FOR 64P MQS
CONNECTOR

Customers Also Bought

TE Part #1318620-1
025 ANCHOR HEIGHT SENSOR 4POS
PLUG HSG

TE Part #638652-2
RECEPT,1.5MM,TIN 18-20AWG RD=1

TE Part #1743162-1
2.8MM MCP-E N-SLD REC(S) CONT

TE Part #2109006-1
060 REC(SS) CONT

TE Part #1813271-3
SEALED MT2 PLUG HOUSING
ASSEMBLY

TE Part #2109435-2
060/110/250 LIF 36P PLUG ASSY

TE Part #2298622-1
24POS,HYBRID,REC HSG ASSY,
UNSLD,COD A

TE Part #2298631-1
48POS,HYBRID,TAB HSG ASSY,
UNSLD,COD A

TE Part #2322637-1
12POS,MQS,REC HSG,UNSLD

TE Part #7-2435189-1
MCON 1.2,TERMINAL,LL REC SWS SN

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2050036-4_A_c-2050036-4-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2050036-4_A_c-2050036-4-a.3d_igs.zip

English

2050036-4

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Customer View Model

[ENG_CVM_CVM_2050036-4_A_c-2050036-4-a.3d_stp.zip](#)

English

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