

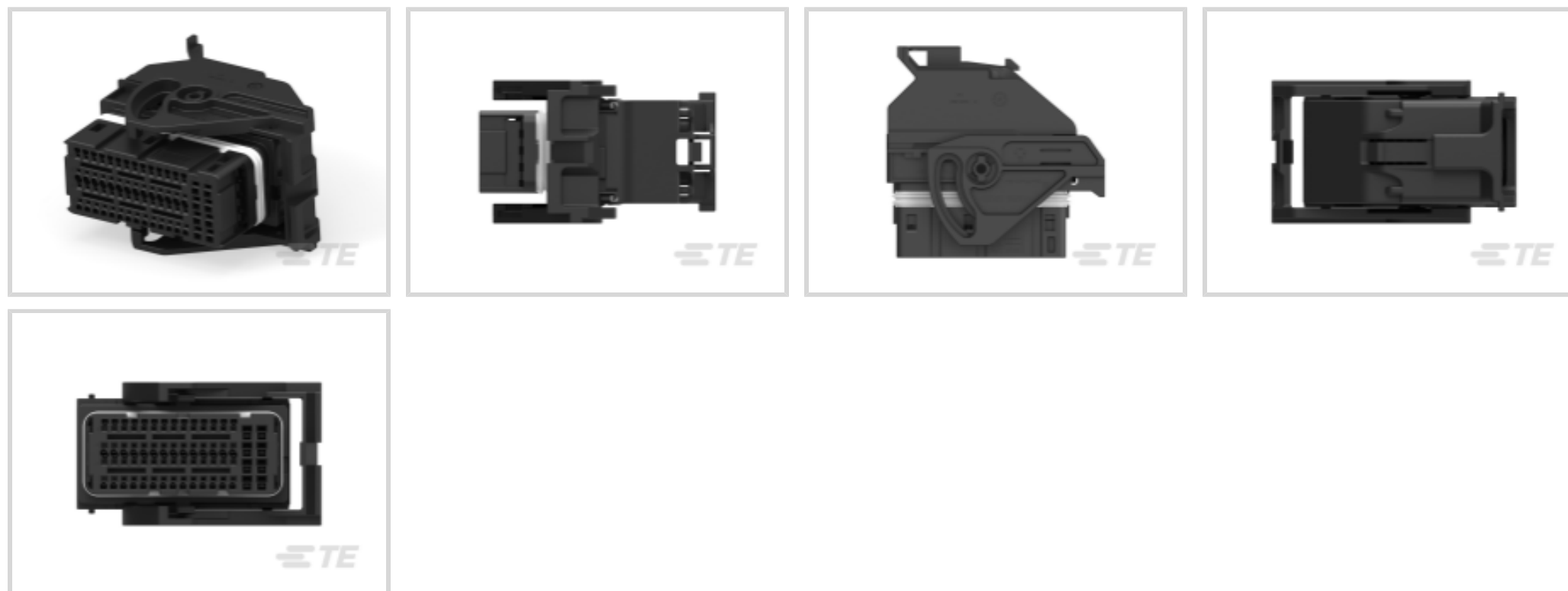


TE Internal #: 2050036-4

12 V, 64 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 2.5 mm / 3.7 mm [.09 in / .14 in] Centerline, Sealable, Black, Wire & Cable

[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

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

Number of Positions: **64**

Sealable: **Yes**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

Features

Product Type Features

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

Configuration Features

Number of Positions	64
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	90 °
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Primary Product Color	Black
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Connector & Keying Code	1
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Contact Features

Contact Size	.64mm, 1.5mm
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Contact Type	Receptacle
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Mating Tab Width	.64 mm, 1.5 mm [.024 in][.06 in]
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Mechanical Attachment

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

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

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

Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]
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Operating Temperature (Max)	120 °C [248 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	120
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Packaging Method	Box
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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Product Compliance



[For compliance documentation, visit the product page on TE.com>](#)

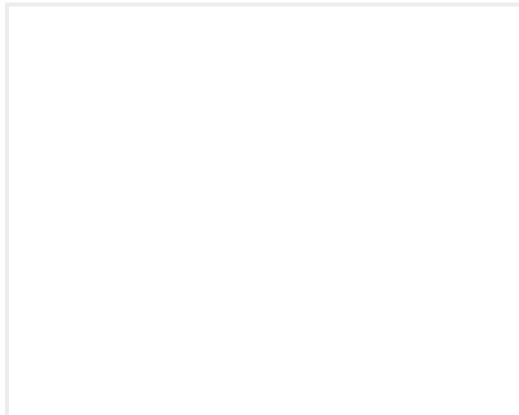
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part)</p> <p>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.</p>
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

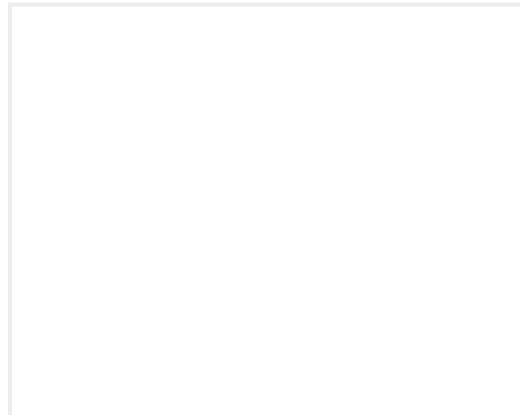
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

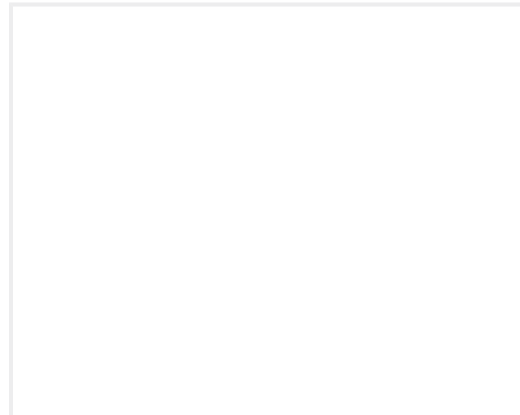
TE Part # 2050011-2 COVER FOR 64P MQS CONNECTOR	 TE Part # 2050004-4 64P ECU PLUG CONNECTOR	TE Part # 2050005-1 FRONT COVER FOR 64P MQS HOUSING	TE Part # 2050007-1 REEL SEAL FOR 64P MQS CONNECTOR
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TE Part # 2050012-1
FAMILY COVER FOR 64P MQS CONNECTOR



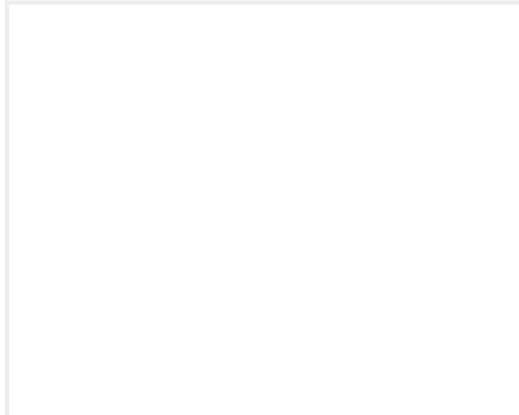
TE Part # 2050010-1
LEVER FOR 64P MQS CONNECTOR



TE Part # 2050009-2
MQS CONTACT RETAINER FOR 64P CONNECTOR



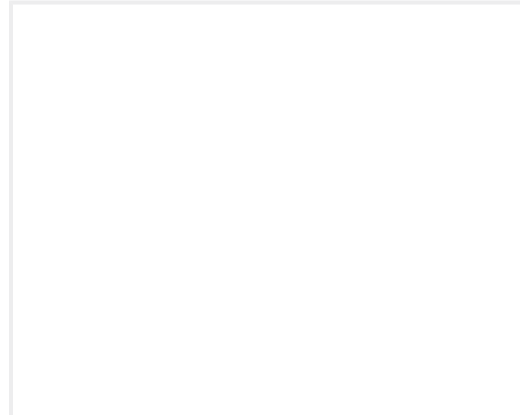
TE Part # 2050006-1
BASE HOUSING FOR 64P MQS HOUSING



TE Part # 2050008-1
FAMILY SEAL FOR 64P MQS CONNECTOR



TE Part # 1670108-1
BLIND PLUG FEMALE 1.5



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



TE Part # 1394871-1
MQS DICHTSTOPFEN



TE Part # CAT-A11-T273
1.5/2.8 CONNECTOR SYSTEM, RECP T AND TAB

Customers Also Bought



TE Part #474812-E
SRCA 1,27 10 M 1-KS SMD 137 E1 094 * GUR



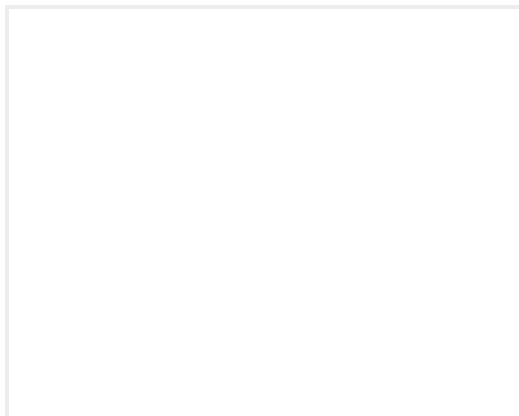
TE Part #2137216-1
3P SPLASH PROOF CONNECTOR ASS'



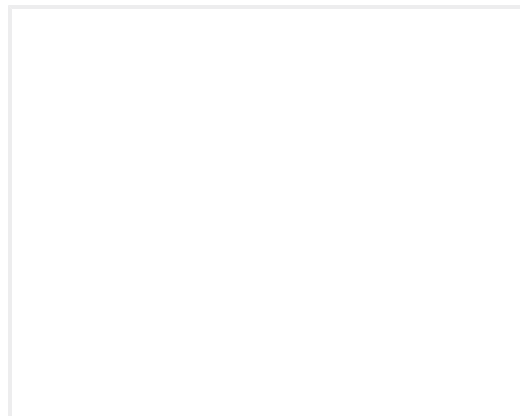
TE Part #2390421-1
36POS,AMP MCP 1.5K,REC HSG ASSY



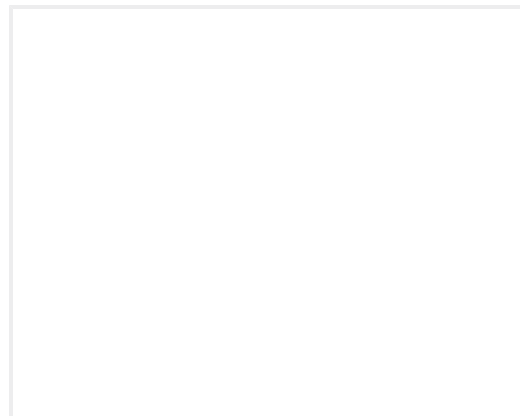
TE Part #2050898-3
CMC 112WAY HEADER ASSEMBLY



TE Part #1-2331712-1
2POS,PON21,HDR ASSY,COD A



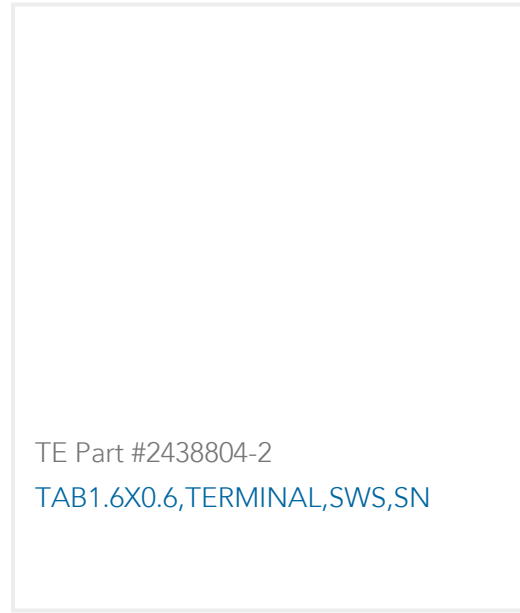
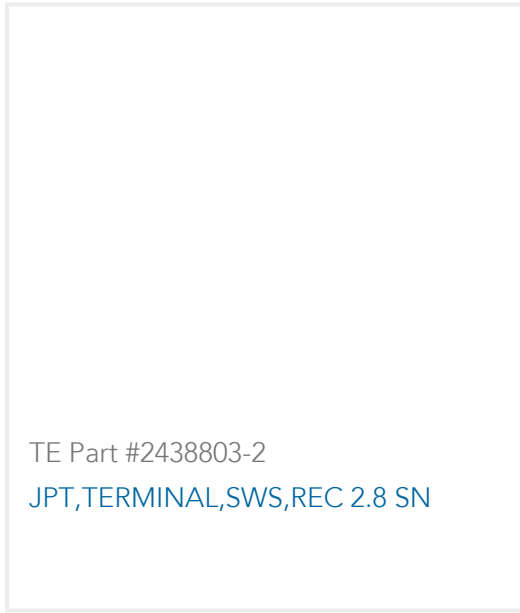
TE Part #1-2355514-8
4POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #2413920-1
23POS,TAB1.2X0.6,HDR ASSY,180DEG



TE Part #7-2435190-1
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

Customer View Model

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

English

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