

1241408-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241408-1

Automotive Terminals, Receptacle, Mating Tab Width 4.8 mm / 6.3 mm / 5.8 mm [.228 in / .189 in / .248 in], AMP MCP Connector System

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB

Terminal Type: **Receptacle**

Mating Tab Width: **4.8 mm, 5.8 mm, 6.3 mm** [.189 in, .228 in, .248 in]

Mating Tab Thickness: **.8 mm** [.031 in]

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **11 – 9 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(129\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	36 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	4.8 mm, 5.8 mm, 6.3 mm [.189 in][.228 in][.248 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	3.4 – 4.3 mm [.132 – .168 in]
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Wire Size	4 – 6 mm ²
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Wire Size Search	9 AWG, 10 AWG, 11 AWG
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
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Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Quantity	1700
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Packaging Method	Reel
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Other

Terminal Transmits	25 – 40 A (Power)
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 1-1579007-3 EXTRACTION TOOL	TE Part # 1394512-1 EINZELLEITDICHTG,BL	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # CAT-AM705-CH8173 AMP MCP Unsealed Connector Housings
TE Part # 1740723-3 FASTON 250 TAB ACTION PIN TPPBR	TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	TE Part # 2-2151254-1 OCEAN_2.0_APPLICATION-S-160F190OV	TE Part # 2-2151254-2 OCEAN_2.0_APPLICATION-S-160F190OV
TE Part # 2-2837990-1 APPLICATOR TO MAKE LOOSE PIECE TERMINALS	TE Part # 2-2837990-2 APPLICATOR TO MAKE LOOSE PIECE TERMINALS	TE Part # 2151254-1 OCEAN_2.0_APPLICATION-S-160F190OV	TE Part # 2151254-2 OCEAN_2.0_APPLICATION-S-160F190OV
TE Part # 2381114-1 SDE F AMP MCP 6.3/4.8K 4.0-6.0mm2 ASSY	TE Part # 2381114-2 SDE F AMP MCP 6.3/4.8K 4-6mm2 DIE SET	TE Part # 2388170-1 4POS,AMP MCP 6.3/4.8K,REC HSG, UNSLD	TE Part # 2388170-2 4POS,AMP MCP 6.3/4.8K,REC HSG, UNSLD



TE Part # 2837990-1
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS

TE Part # 2837990-2
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS

TE Part # 7-2151254-1
OCEAN_2.0_APPLICATOR-S-
160F190OV

TE Part # 7-2151254-2
OCEAN_2.0_APPLICATOR-S-
160F190OV

Also in the Series | AMP MCP Connector System

Automotive Connector Caps & Covers
(25)

Automotive Connector Locks &
Position Assurance(7)

Automotive Housings(360)

Automotive Terminals(135)

Connector Seals & Cavity Plugs(6)

Insertion & Extraction Tools(13)

Other Automotive Connector
Accessories(2)

PCB Headers & Receptacles(30)

Customers Also Bought

TE Part #967542-2
SENS FLA-KONT 2,8

TE Part #5-1241410-1
AMP MCP 6.3/4.8K, CONTACT, SWS

TE Part #5-1534116-2
MQS0,63 AU REC CB UNSEAL. 0,25-
0,35 2P

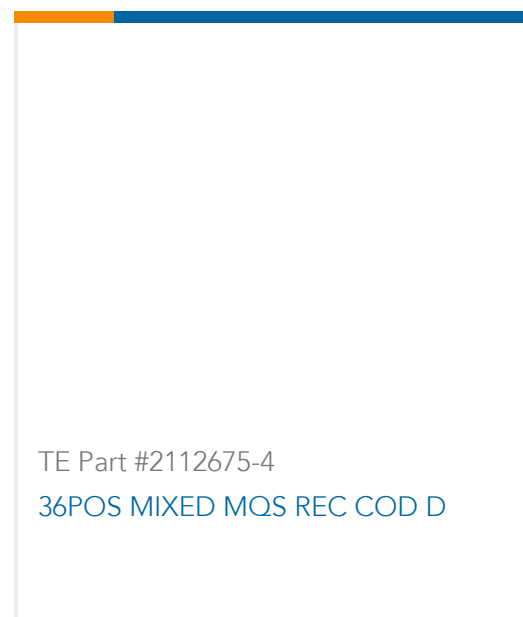
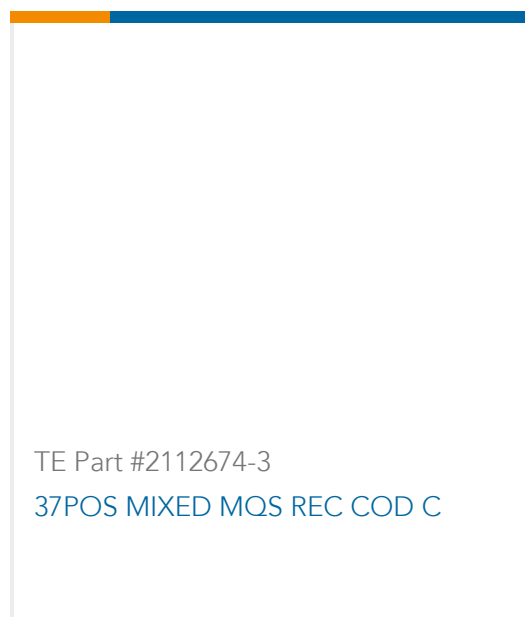
TE Part #6-1355134-1
VERRIEGLUNG F94P

TE Part #2112669-1
23POS MIXED MQS REC

TE Part #2112674-1
37POS MIXED MQS REC COD A

TE Part #2112675-1
36POS MIXED MQS REC COD A

TE Part #6-1355135-1
VERRIEGLUNG F.94P



Documents

Product Drawings

[AMP MCP 6.3/4.8K, CONTACT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1241408-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241408-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241408-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

German

[Application Specification](#)

English