

2-1241408-3 ✓ ACTIVE

AMP | AMP MCP Connector System

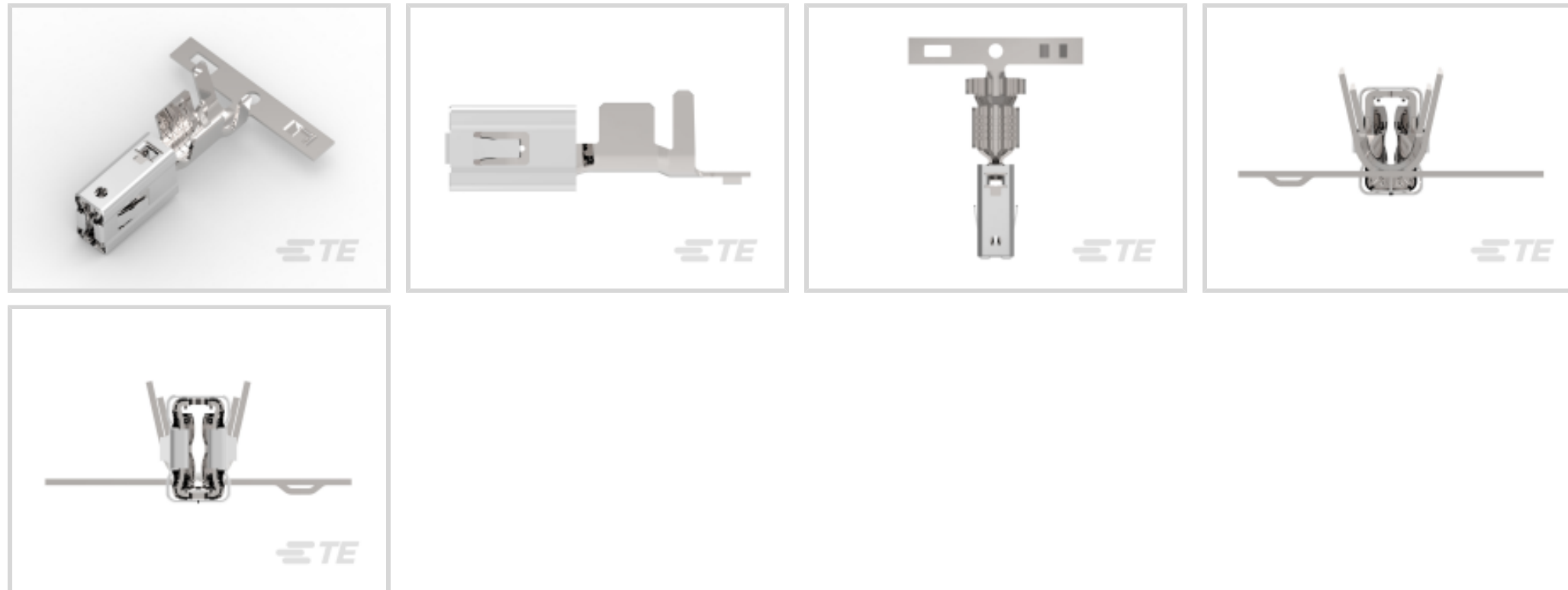
TE Internal #: 2-1241408-3

Automotive Terminals, Receptacle, Mating Tab Width 5.8 mm / 4.8 mm / 6.3 mm [.189 in / .228 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	Silver (Ag)
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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]
Wire Size	4 – 6 mm ²
Wire Size Search	9 AWG, 10 AWG, 11 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C, 170 °C, 180 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F][338 °F][356 °F]
Operating Temperature Range	-40 – 180 °C [-40 – 356 °F]

Operation/Application

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Quantity	1700
Packaging Method	Reel

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
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 reviewed 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 # 1-1579007-3
EXTRACTION TOOL



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



TE Part # CAT-AM705-CH8173
AMP MCP Unsealed Connector Housings



TE Part # 2141608-1
5POS,AMP MCP6.3/4.8K,REC HSG,A



TE Part # 1-2282265-5
5POS,HVA,630,PIGTAIL,HYB ASSY



TE Part # 1-2282291-5
2POS,HVA,630-2PHM PIGTAIL,HYB ASSY



TE Part # 2-2282265-5
5POS,HVA,630,PIGTAIL,HYB ASSY



TE Part # 2141608-4
5POS,AMP MCP6.3/4.8K,REC HSG,A




TE Part # 2141630-1
5POS,HVA630,REC HSG ASSY,
180DEG,HVIL



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



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



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



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



KIT
REPRESENTATION ONLY
TE Part # 7-2151254-7
OCEAN_2.0_SPARE_PART_KIT-
160F190OV



KIT
REPRESENTATION ONLY
TE Part # 7-2836148-7
OC-160F190OV-CRIMP TOOLINGKIT



TE Part # 9-2141264-2
SINGLE WIRE SEAL,AMP MCP6.3/4.8K




TE Part # 2-2151254-1
OCEAN_2.0_APPLICATION-S-
160F190OV



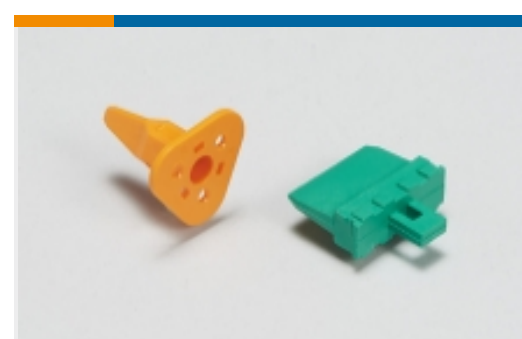
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OCEAN_2.0_APPLICATION-S-
160F190OV

TE Part # 2394300-1
EXTRACTION TOOL


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(7)



Insertion & Extraction Tools(13)



Other Automotive Connector
Accessories(2)

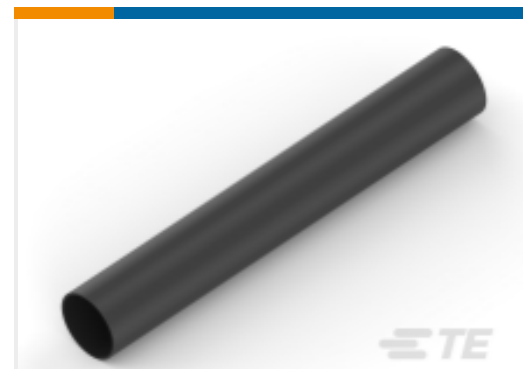


PCB Headers & Receptacles(30)

Customers Also Bought



TE Part #CH03642001
QSZH-125-NR4-STK



TE Part #NB10056001
ATUM-24/6-0-50MM



TE Part #2137711-3
CABLE SEAL ASSY



TE Part #2137735-1
UPPER INSERT ASSY



TE Part #1-2141166-1
3POS,8MM HV,REC HSG,90DEG,ASSY,
SEALED



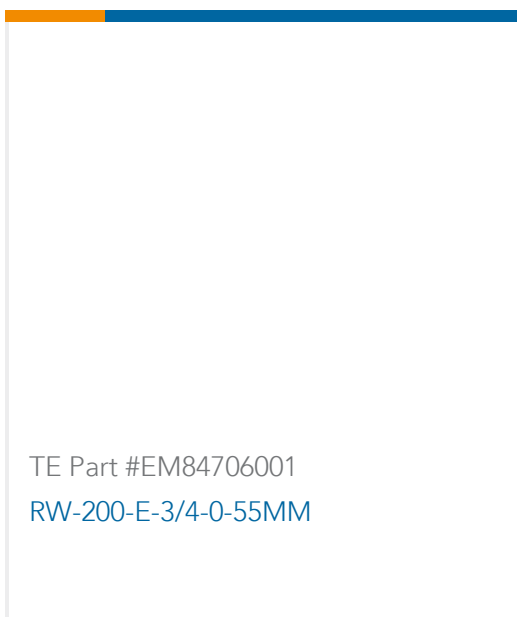
TE Part #1-2141261-1
SHIELD CRIMP FERRULE,INNER



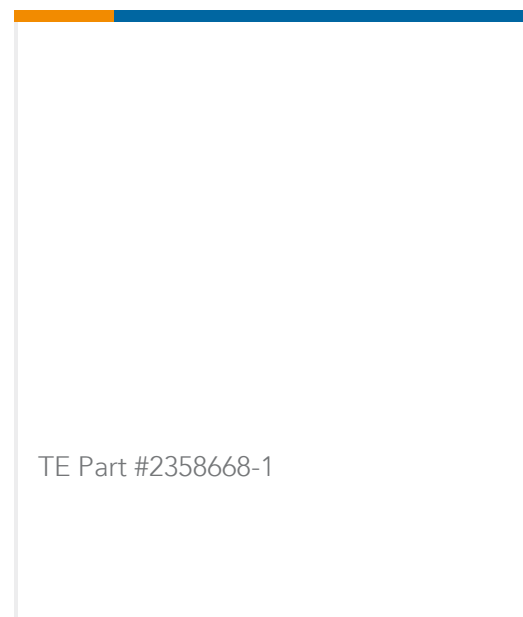
TE Part #2137715-3
11MM HV, TERMINAL ASSY 90DEG



TE Part #2365737-1
RING TONGUE TRMNL,70MM2 WIRE
FOR IPT



TE Part #EM84706001
RW-200-E-3/4-0-55MM



TE Part #2358668-1

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1241408-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1241408-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1241408-3_A.3d_stp.zip](#)

English

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Product Specifications



Engineering Specification

English

Engineering Specification

English