1241416-1 ✔ ACTIVE

AMP MCP | AMP MCP 6.3/4.8K

TE Internal #: 1241416-1

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

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: **12 – 11 AWG**

All AMP MCP, RECEPTACLE AND TAB (110)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	30 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 – 4.4 mm[.132 – .172 in]
Wire Size	3 – 4 mm^2
Wire Size Search	11 AWG, 12 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °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

Compatible With Agency/Standards Products	LV214

Packaging Features

Packaging Quantity	1500
Packaging Method	Reel

Other

Terminal Transmits	25 – 40 A (Power)

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) 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



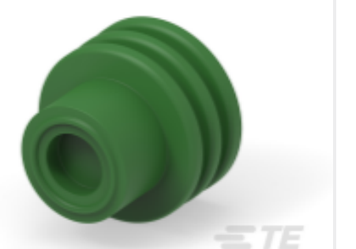
TE Part # CAT-L489-CH8172
LEAVYSEAL Connector Housings



TE Part # CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



TE Part # 1-1579007-3
EXTRACTION TOOL



TE Part # 1719043-1
SINGLE WIRE SEAL,GREEN



TE Part # CAT-T4827-CH8172
Timer Connector Housing



TE Part # CAT-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # CAT-AM705-CH8173
AMP Unsealed Connector Housing



TE Part # 2151151-2

OCEAN_2.0_APPLICATOR-S-130F270OV-RSA



TE Part # 2301462-1

30POS,HYBRID,REC HSG ASSY,SLD, COD A



TE Part # 1394512-1

EINZELLEITDICHTG,BL



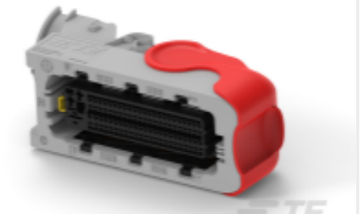
TE Part # 1-2278915-4

EPB4 30WAY ASSEMBLY PARTS



TE Part # 1-2344950-1

95POS, HYBRID, REC HSG, ASSY, COD A



TE Part # 2-2344950-1

95POS, HYBRID, REC HSG, ASSY, COD B



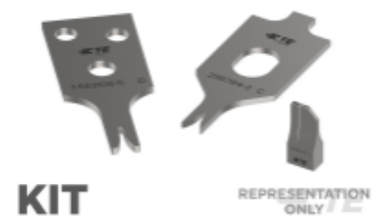
TE Part # 2305570-1

Strip Terminal Cutter-Side Feed-No Crimp



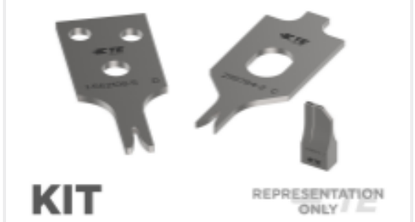
TE Part # 2837453-2

APPLICATOR TO MAKE LOOSE PC TERMINAL-RSA



TE Part # 7-2151151-7

OCEAN_2.0_SPARE_PART_KIT-130F270OV



TE Part # 7-2837453-7

TOOLING KIT TO MAKE LOOSE PIECE TERMINAL



TE Part # 2-2208685-6

31POS, MIXED,REC HSG,ASSY

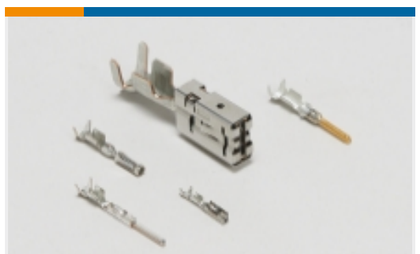
TE Part # 2394300-1

EXTRACTION TOOL

Also in the Series | AMP MCP 6.3/4.8K



Automotive Housings(10)



Automotive Terminals(30)



Connector Seals & Cavity Plugs(1)



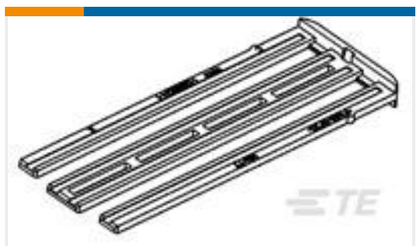
Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #1734328-2

Mini USB AB R/A,Rcpt,SMT,T&R



TE Part #1-1355134-1

RETAINER 94P



TE Part #8-36917-3

TERMINAL,SOLIS R 1/0 3/8



TE Part #7-1452668-1

MCON 1.2 LL REC SWS SN



TE Part #1564324-1
AMP MCP 1.5K, CONTACT, SWS



TE Part #1544627-3
POWER RECPT CONT, 6.3 TO 9.5 MM, SOLDER



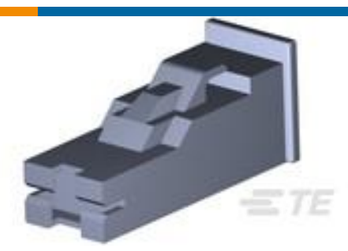
TE Part #1394512-1
EINZELLEITDICHTG,BL



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



TE Part #968043-1
SINGLE WIRE SEAL



TE Part #281991-2
HSG FOR P-LOCK MK I TERM

Documents

Product Drawings

AMP MCP 6.3/4.8K, CONTACT, SWS

English

AMP MCP 6.3/4.8K, CONTACT, SWS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241416-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241416-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241416-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

German

Application Specification

English