



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



Terminal Type: **Receptacle**
Mating Tab Width: **1.5 mm [.059 in]**
Mating Tab Thickness: **.6 mm [.024 in]**
Terminal Transmits: **0 - 24 A (Low Power)**
Wire Size: **20 - 17 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(123\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.5K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	12 A
Crimp Type	F-Crimp
Terminal Type	Receptacle



Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 - 2.1 mm[.055 - .083 in]
Wire Size	.5 - 1 mm ²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 - 150 °C[-40 - 302 °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
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Packaging Features

Packaging Quantity	4500
Packaging Method	Reel

Other

Terminal Transmits	0 - 24 A (Low 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

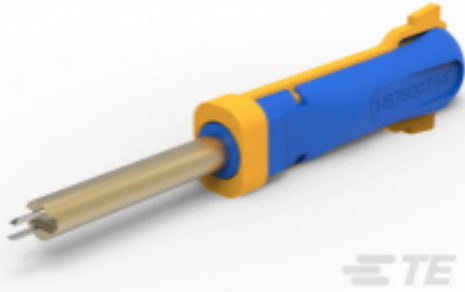
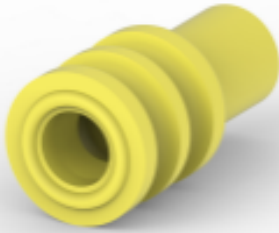


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

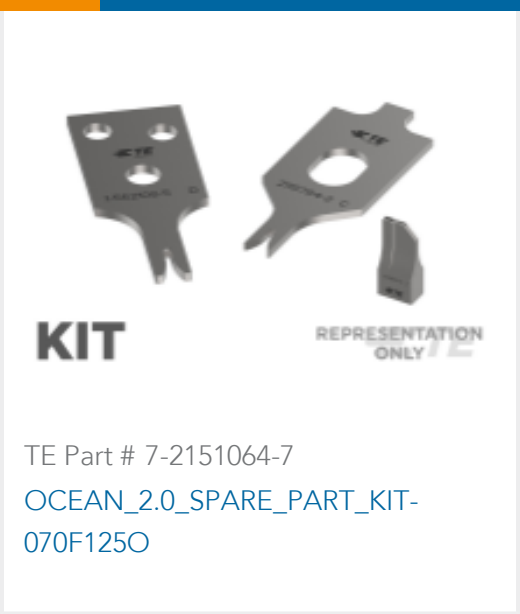
Product Compliance Disclaimer

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>

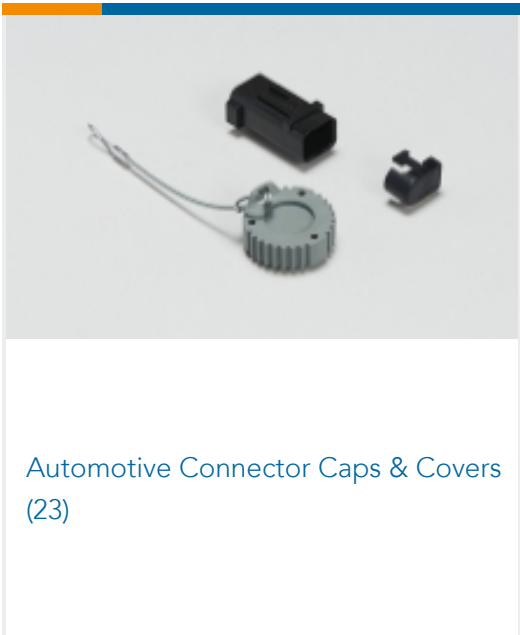
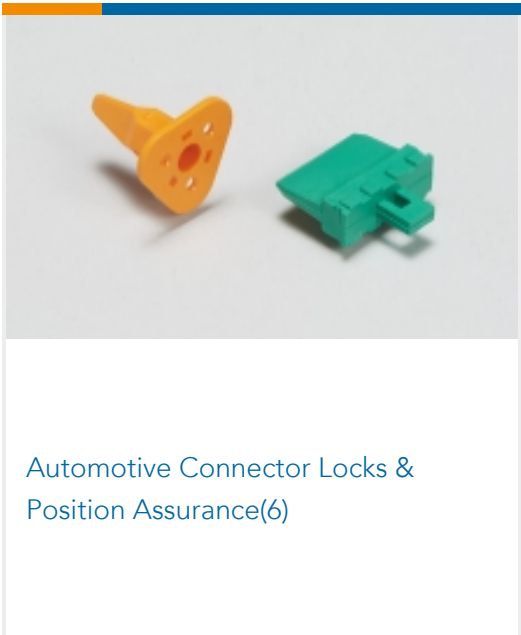
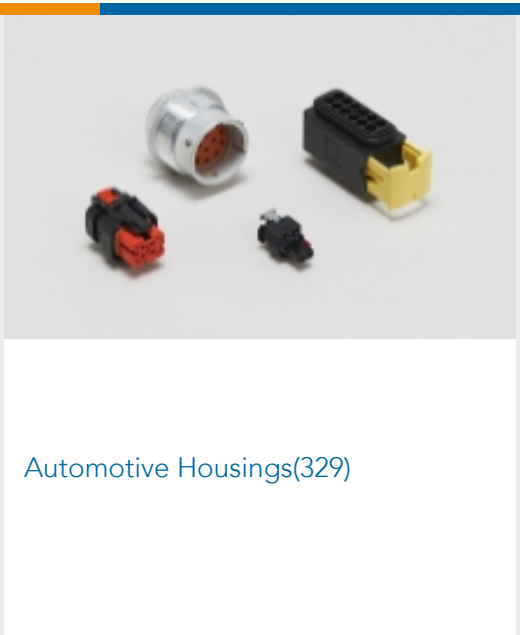
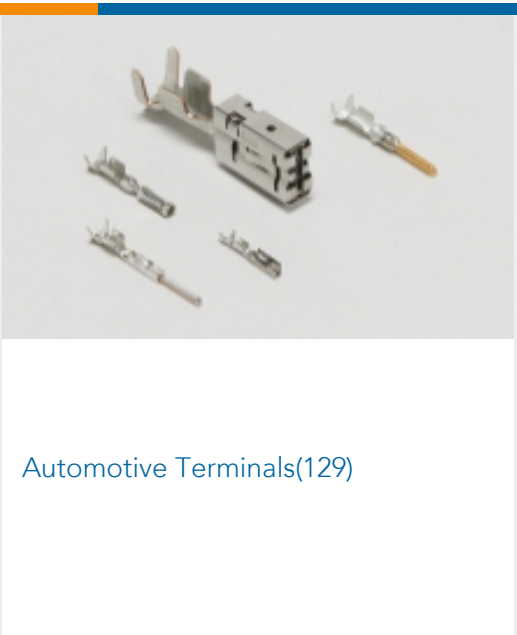
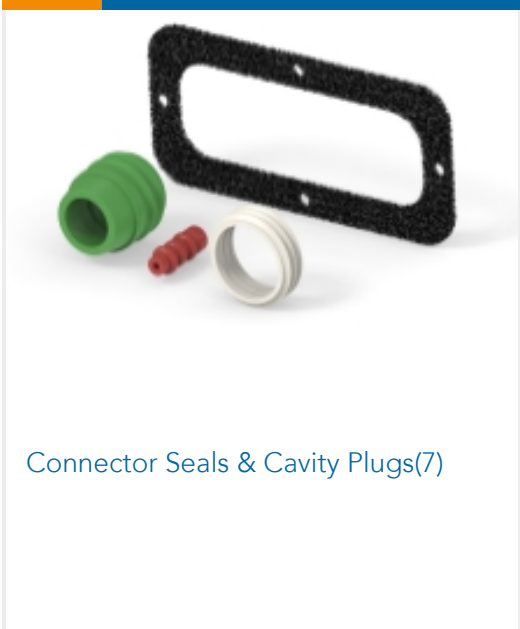
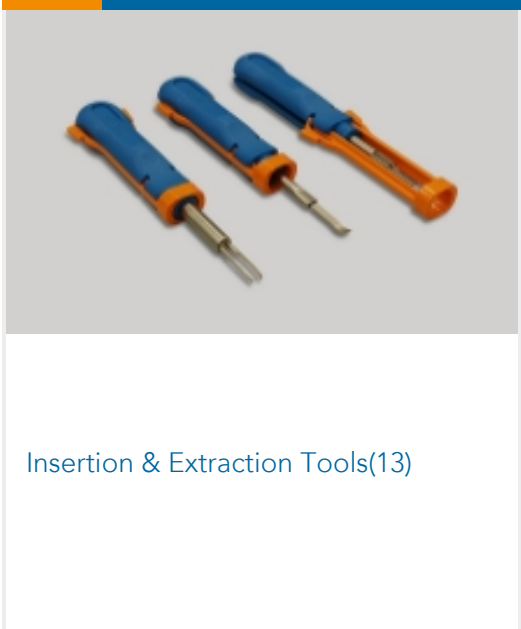
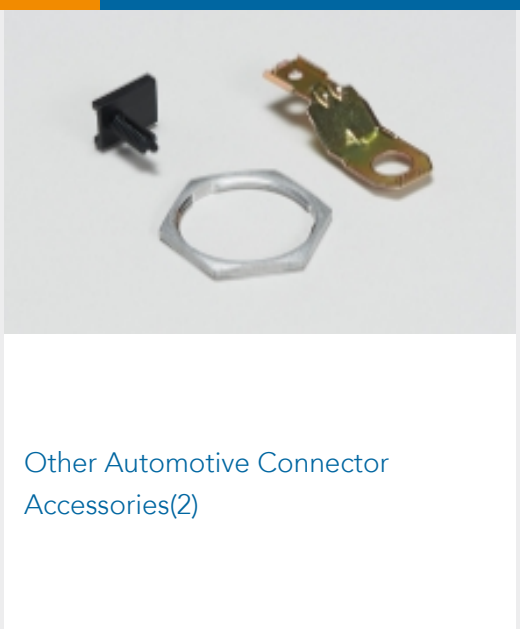
Compatible Parts

 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # CAT-L489-CH8172 LEAVYSEAL Housings	 TE Part # 1-1579007-1 EXTRACTION TOOL	 TE Part # 964972-1 EINZELLEITERDICHTNG
 TE Part # 963530-1 EINZELLEITERDICHTNG	 TE Part # 2306960-1 3POS,AMP MCP 1.5K,REC HSG ASSY, SLD,COD A	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part # 1-2293551-1 62POS,MIXED,REC HSG,ASSY,SLD



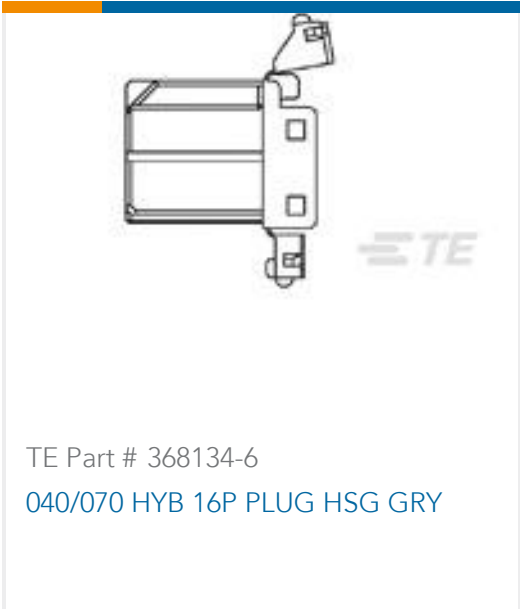
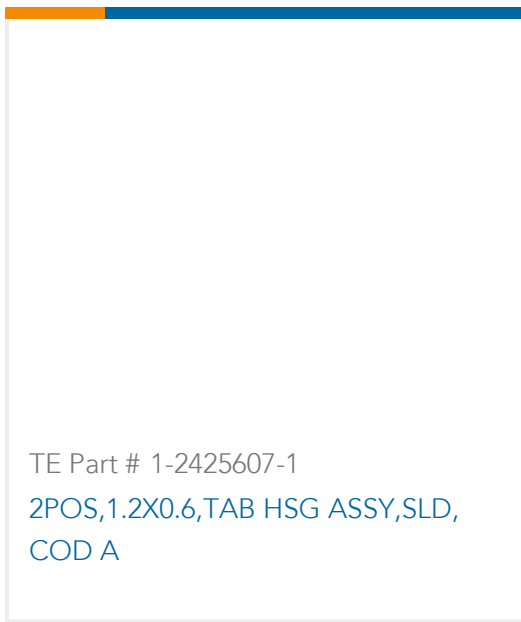
 TE Part # 1579008-9 INSERTION TOOL	 TE Part # 2-2293551-1 62POS,MIXED,REC HSG,ASSY,SLD	 TE Part # 2063524-1 SDE MCP1.5 0.2-1.0mm2 ASSY	 TE Part # 2063524-2 SDE MCP1.5 0.2-1.0mm2 DIE SET
 TE Part # 2151064-1 OCEAN_2.0_APPLICATOR-S-070F125O-RSM	 TE Part # 2151064-2 OCEAN_2.0_APPLICATOR-S-070F125O-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 3-2293551-1 62POS,MIXED,REC HSG,ASSY,SLD
 TE Part # 5-2151064-1 OCEAN_2.0_APPLICATOR-S-070F125O-RSM	 TE Part # 5-2151064-2 OCEAN_2.0_APPLICATOR-S-070F125O-RSA	 TE Part # 7-2151064-7 OCEAN_2.0_SPARE_PART_KIT-070F125O	 TE Part # 7-2266050-7 OC-070F125O-752-CRIMPTOOLINGKIT

Also in the Series | AMP MCP Connector System

 Automotive Connector Caps & Covers (23)	 Automotive Connector Locks & Position Assurance(6)	 Automotive Housings(329)	 Automotive Terminals(129)
 Connector Seals & Cavity Plugs(7)	 Insertion & Extraction Tools(13)	 Other Automotive Connector Accessories(2)	 PCB Headers & Receptacles(28)

Customers Also Bought



 TE Part # 963530-1 EINZELLEITERDICHTNG	 TE Part # 936462-2 2.8MM SLD 2P CAP HSG	 TE Part # 968679-2 MPQ 2.8 Sn Tab. LL unsealed >0.35-0.5 mm2	 TE Part # 1-1418773-1 32pos MQS .63 header 180deg THR
 TE Part # 368134-6 040/070 HYB 16P PLUG HSG GRY	 TE Part # 368269-2 CLIP FOR 090 II MLC(KEY HOLE)	 TE Part # 1801174-5 2W TAB HP CONNECTOR GREEN	 TE Part # 2296121-1 18P HEADER ASSY
 TE Part # 2367837-1 REC CONN CVR ASSY,84POS,0.5 SERIES,TYPE2	 TE Part # 1-2425607-1 2POS,1.2X0.6,TAB HSG ASSY,SLD, COD A		

Documents

Product Drawings
AMP MCP 1.5K, CONTACT, SWS
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1241380-2_B_c-1241380-2-b.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1241380-2_B_c-1241380-2-b.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1241380-2_B_c-1241380-2-b.3d_stp.zip
English

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

Datasheets & Catalog Pages



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[CONNECTOR SELECTOR](#)

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[Product Specifications](#)

[Application Specification](#)

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[Application Specification](#)

German