



Automotive Parts > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**
Wire Size: **.5 – 1 mm²**
Mating Tab Width: **2.8 mm [.11 in]**
Interface Plating: **Tin (Sn)**
Primary Locking Feature: **Locking Lance**

[All AMP MCP, RECEPTACLE AND TAB \(105\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	15 A
Crimp Type	F-Crimp
Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.6 mm, .8 mm[.024 in][.031 in]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
Dimensions	
Compatible Insulation Diameter Range	1.4 – 2.7 mm[.055 – .106 in]
Wire Size	.5 – 1 mm²
Wire Size Search	.5 mm², .75 mm², 1 mm²
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operation/Application	
Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)
Industry Standards	
Compatible With Agency/Standards Products	DIN 72036
Packaging Features	
Packaging Method	Reel
Packaging Quantity	3500
Other	
Terminal Transmits	0 – 24 A (Low 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	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	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC

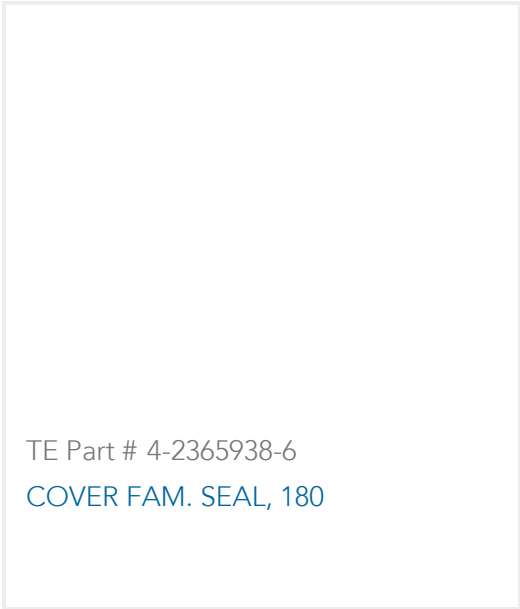
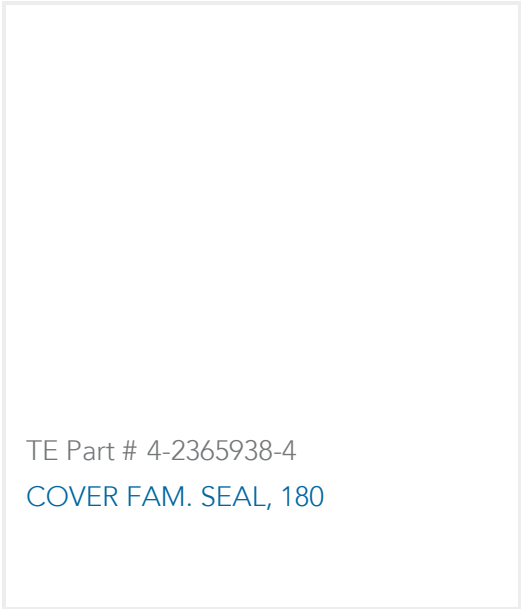
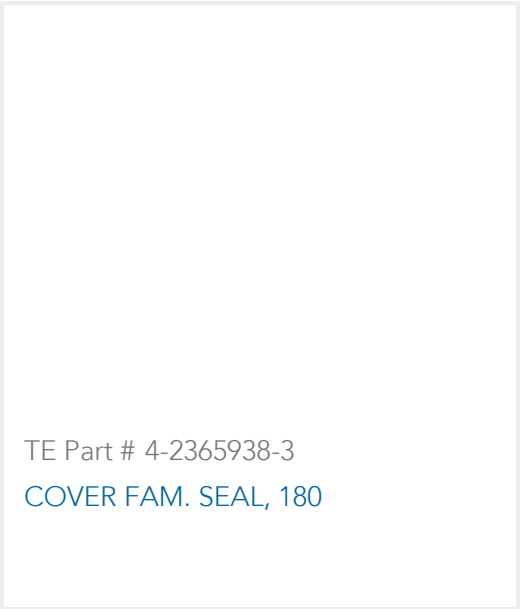
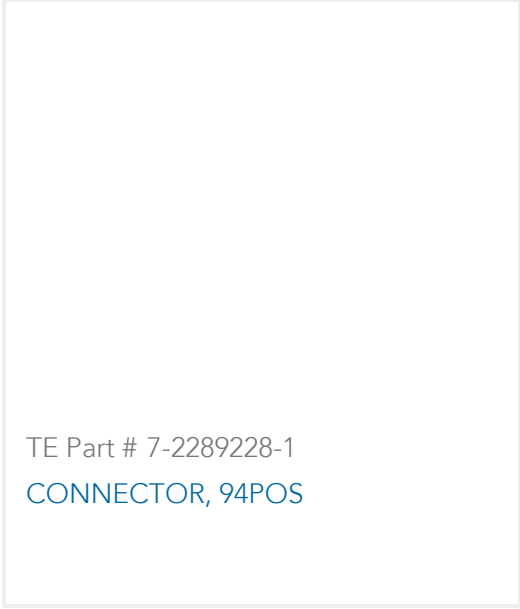


Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 4-2365938-6 COVER FAM. SEAL, 180	 TE Part # 4-2365938-4 COVER FAM. SEAL, 180	 TE Part # 4-2365938-3 COVER FAM. SEAL, 180	 TE Part # 3-2289228-1 CONNECTOR, 94POS
 TE Part # 7-2289228-1 CONNECTOR, 94POS	 TE Part # 2151062-2 OCEAN_2.0_APPLICATOR-S-100F140OV-RSA	 TE Part # 2151060-1 OCEAN_2.0_APPLICATOR-S-080F160O-RSM	 TE Part # 963294-1 SINGLE WIRE SEAL INSULATION DI
 TE Part # 9-2209520-9 46POS. REC HOUSING ASSY, CODA A	 TE Part # 9-2289228-1 CONNECTOR, 94POS	 TE Part # 1-2209520-0 46POS. REC. HSG ASS'Y	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING



TE Part # 2209545-1
94P, MQS CB, REC HSG, ASSY, SEALED



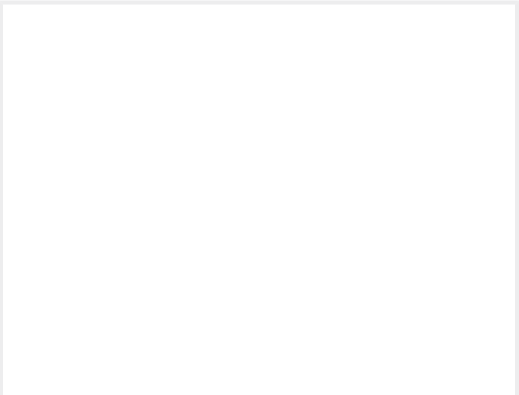
TE Part # 7-2151060-7
OCEAN_2.0_SPARE_PART_KIT-080F1600



TE Part # 2209520-4
46POS. REC HOUSING ASSY



TE Part # 1-2209520-2
46POS. REC. HSG ASS'Y



TE Part # 4-2365938-7
COVER FAM. SEAL, 180



TE Part # CAT-N10-RC4828
48V Ready 2.8mm Sealed Connectors

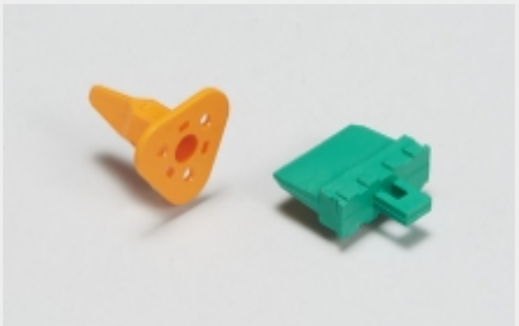


TE Part # 2151060-2
OCEAN_2.0_APPLICATOR-S-080F1600-RSA

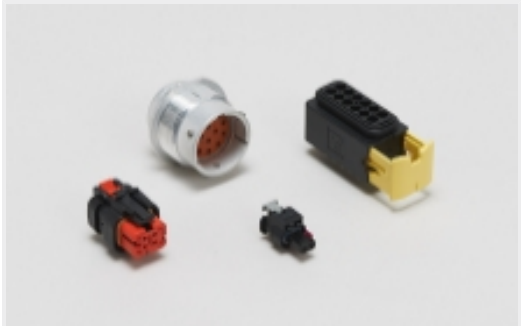


TE Part # 2391789-2
SDE F AMP MCP 0.50-1.00mm2 DIE SET

Also in the Series | AMP MCP 2.8



Automotive Connector Locks & Position Assurance(5)



Automotive Housings(193)

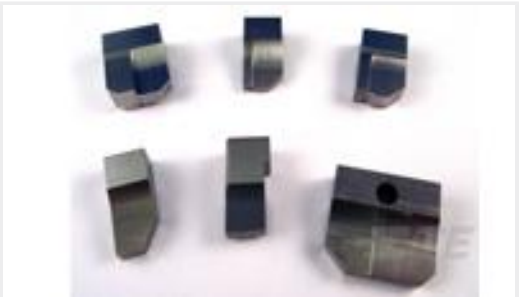


Automotive Signal & Power Connector Housings(111)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #6-1333204-9
ANVIL, COMB. (.080)



TE Part #1394139-1
8POS MQS REC



TE Part #1564984-3
AMP MCP 2.8K, CONTACT, SWS



TE Part #1745078-1
AMP MCP 2.8K - REC. HOUSING



TE Part #2208849-1
COVER FAM. SEAL MCON 1.2 CB, 12POS



TE Part #1-2208849-1
COVER FAM. SEAL MCON 1.2 CB, 12POS



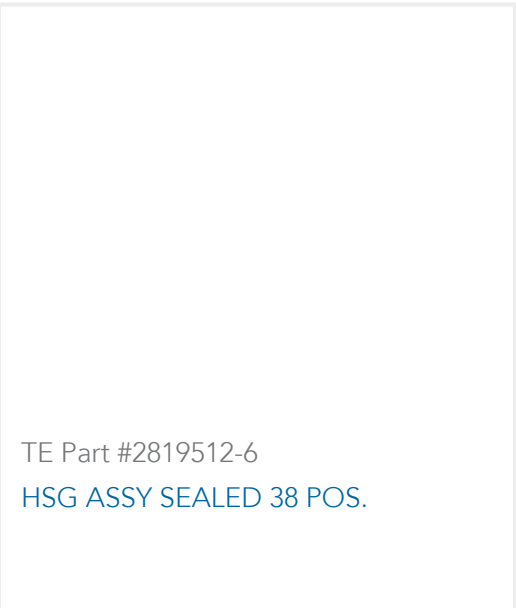
TE Part #4-2213767-5
AV19 DPM 3A MOVE RING LED RED 12V



TE Part #2297816-1
SINGLE WIRE SEAL, HPF 1.2, RUBBER



TE Part #1952074-4
[.250 SRS, RECP HSG,2P WITH SEC](#)



TE Part #2819512-6
[HSG ASSY SEALED 38 POS.](#)

Documents

Product Drawings

[AMP MCP 2.8K, CONTACT, SWS](#)

English

[AMP MCP 2.8K, CONTACT, SWS](#)

English

CAD Files

Customer View Model

[ENG_CVM_1241394-1_C6.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1241394-1_C6.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1241394-1_C6.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[Application Specification](#)

German

[Application Specification](#)

German

[Application Specification](#)

English