

1241380-2 ✓ ACTIVE

AMP MCP | AMP MCP 1.5K

TE Internal #: 1241380-2

Receptacle Terminal, 20 – 17 AWG, .5 – 1 mm² Wire, 1.5 mm [.059 in] Tab Width, Gold (Au), Sealable, .6 mm [.024 in] Tab Thickness, AMP MCP 1.5K

[View on TE.com >](#)



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



Terminal Type: **Receptacle**

Wire Size: **20 – 17 AWG**

Mating Tab Width: **1.5 mm [.059 in]**

Interface Plating: **Gold (Au)**

[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)
--------------------	------------------------

Contact Features

Typical Current Rating	12 A
Crimp Type	F-Crimp
Contact Size	1.5K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.5 mm [.059 in]



Interface Plating	Gold (Au)
-------------------	-----------

Mating Tab Thickness	.6 mm [.024 in]
----------------------	-----------------

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	20 – 17 AWG
-----------	-------------

Wire Size Search	.5 mm ² , .6 mm ² , .75 mm ² , 1 mm ²
------------------	---

Usage Conditions

Insulation Option	Uninsulated
-------------------	-------------

Operating Temperature (Max)	125 °C [212 °F]
-----------------------------	-----------------

Operating Temperature Range	-40 – 150 °C [-40 – 302 °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	LV214
---	-------

Packaging Features

Packaging Method	Reel
------------------	------

Packaging Quantity	4500
--------------------	------

Other

Terminal Transmits	0 – 24 A (Low Power)
--------------------	----------------------

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2025 (247)

Candidate List Declared Against: JAN 2025 (247)

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 # 2497553-1
GAUGE,CHECK TAB FOR AMP MCP 1.5K CONTACT

TE Part # CAT-L489-CH8172
LEAVYSEAL Connector Housings

TE Part # 2151064-2
OCEAN_2.0_APPLICATOR-S-070F125O-RSA

TE Part # 1-1418479-1
8POS,AMP MCP1.5K,REC. HSG,CODA

KIT
REPRESENTATION ONLY

TE Part # 7-2151064-7
OCEAN_2.0_SPARE_PART_KIT-070F125O

TE Part # 1-1823468-0
6POS,AMP MCP 1.5K,REC HSG

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

TE Part # 5-2151064-2
OCEAN_2.0_APPLICATOR-S-070F125O-RSA




TE Part # 2151064-1
OCEAN_2.0_APPLICATOR-S-070F125O-RSM



TE Part # 2063524-1
SDE MCP1.5.0.2-1.0mm2 ASSY
REPRESENTATION ONLY. DIE SET MAY VARY.



TE Part # 3-2151064-2
OCEAN_2.0_APPLICATOR-S-070F125OA-SSD



TE Part # 2306960-1
3POS,AMP MCP 1.5K,REC HSG ASSY, SLD,COD A



TE Part # 964972-1
EINZELLEITERDICHTNG



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



TE Part # CAT-NB3-MRC48
Mixed (Signal and Power) 48V Ready Connectors



TE Part # 2385319-2
EXTRACTION TOOL



TE Part # 5-2151064-1
OCEAN_2.0_APPLICATOR-S-070F125O-RSM



TE Part # CAT-N10-RC4815
48V Ready 1.5mm Sealed Connectors



TE Part # 1-1579007-1
EXTRACTION TOOL




TE Part # 1579008-9
INSERTION TOOL


Also in the Series | AMP MCP 1.5K




Automotive Connector Caps & Covers (3)



Automotive Housings(78)



Automotive Terminals(21)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #CAT-N14-RC4812
48V Ready 1.2mm Sealed Connectors



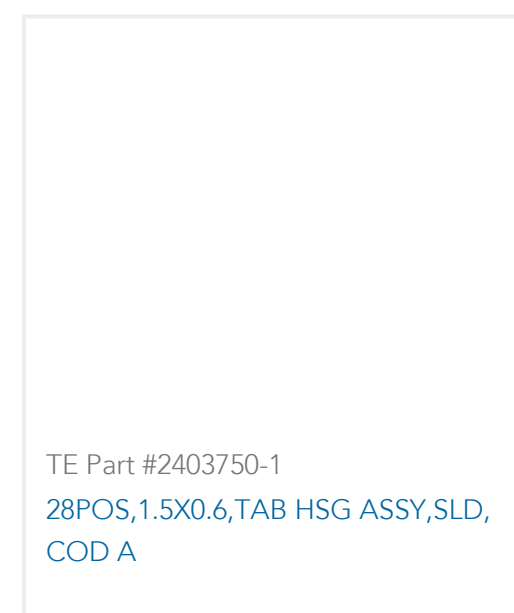
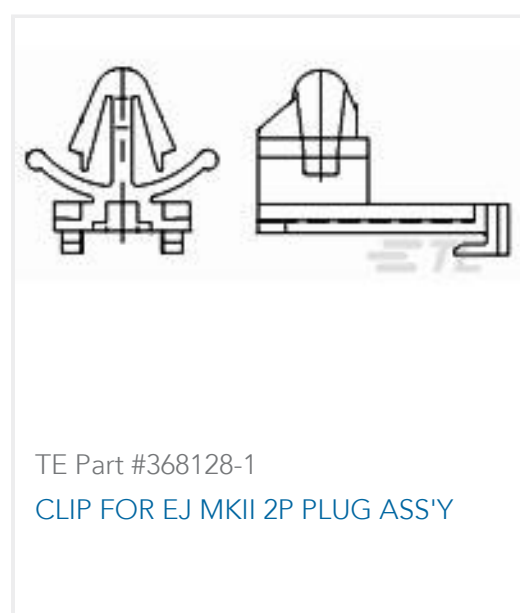
TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #1801174-2
2W TAB HP CONNECTOR BLUE



TE Part #1801174-5
2W TAB HP CONNECTOR GREEN



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

HDSCS CAN Bus Y-Connector and 120 Resistor Brochure

English

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

German

Application Specification

English