



Terminals & Splices > Automotive Terminals > TIMER, RECEPTACLE AND TAB



Terminal Type: **Tab**
Mating Tab Width: **1.6 mm [.063 in]**
Mating Tab Thickness: **.6 mm [.024 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **20 – 17 AWG**

[All TIMER, RECEPTACLE AND TAB \(278\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	DIN 72 551 Part 5 and 6
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Operation/Application

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

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

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Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.1 mm [.055 – .083 in]
Wire Size	.5 – 1 mm ²
Wire Size Search	1 mm ² , .5 mm ² , .75 mm ² , .6 mm ²
Tab Length	22.4 mm [.88 in]

Contact Features

Typical Current Rating	10 A
Crimp Type	F-Crimp
Contact Size	1.6mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Tab
Mating Tab Width	1.6 mm [.063 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Gold (Au)

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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
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Solder Process Capability	Not applicable for solder process capability
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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 Connector Housings	 TE Part # 963530-1 EINZELLEITERDICHTNG	 TE Part # 539960-1 AUSZ-WKZ,MICRO TIM.
 TE Part # 964972-1 EINZELLEITERDICHTNG	 TE Part # 9-2348782-1 HD MATEnet 2+6 TAB HSG ASSY, GRP E	 TE Part # 9-2348792-1 HD MATEnet 1+12 TAB HSG ASSY, GRP E	 TE Part # CAT-T4827-CH8172 Timer Connector Housing
 TE Part # 5-1579018-6 INSERTION TOOL	 TE Part # 1579008-9 INSERTION TOOL	 TE Part # 2151057-1 OCEAN_2.0_APPLICATOR-S-080F130O-RSM	 TE Part # 2151057-2 OCEAN_2.0_APPLICATOR-S-080F130O-RSA



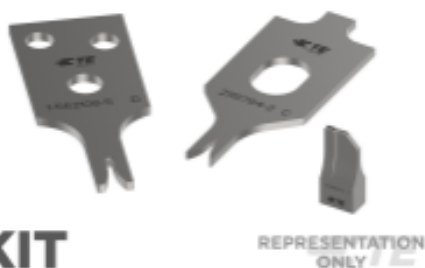
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



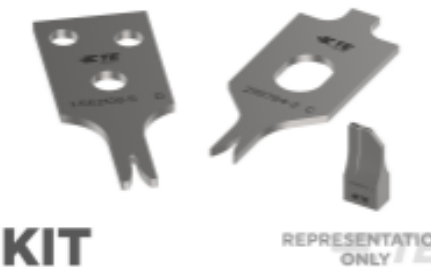
TE Part # 5-2151057-1
OCEAN_2.0_APPLICATOR-S-080F130O-RSM



TE Part # 5-2151057-2
OCEAN_2.0_APPLICATOR-S-080F130O-RSA



TE Part # 7-2151057-7
OCEAN_2.0_SPARE_PART_KIT-080F130O



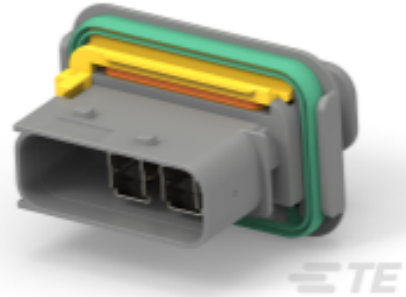
TE Part # 7-2151935-7
OC-080F130O-752_CRIMPTOOLINGKIT



TE Part # 9-2348782-2
HD MATEnet 2+6 TAB HSG ASSY, GRP E



TE Part # 9-2348789-1
HD MATEnet 2+6 TAB ASSY, GRP E, FLANGED



TE Part # 9-2348789-2
HD MATEnet 2+6 TAB ASSY, GRP E, FLANGED

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (13)



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(207)



Automotive Terminals(110)



Connector Seals & Cavity Plugs(36)



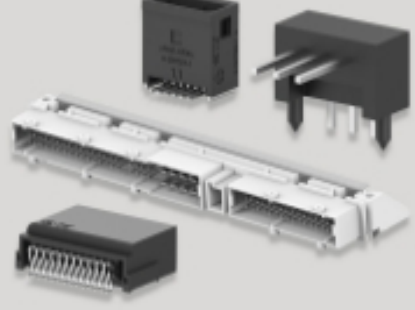
Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(40)

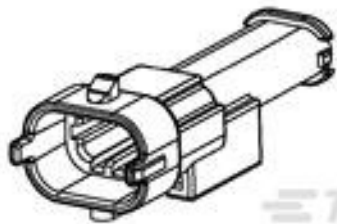


Quick Disconnects(4)

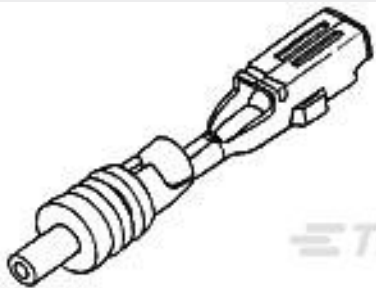
Customers Also Bought



TE Part #1-1241961-8
STD TIM HOUSING MKII 3POS



TE Part #936462-2
2.8MM SLD 2P CAP HSG



TE Part #171630-5
E-J MK-2 070 REC CONT



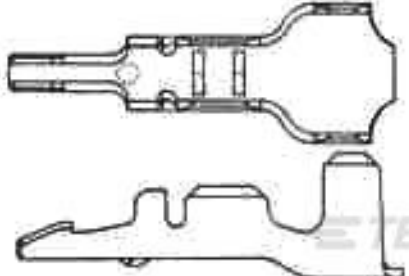
TE Part #1564980-2
AMP MCP 1.5K, CONTACT



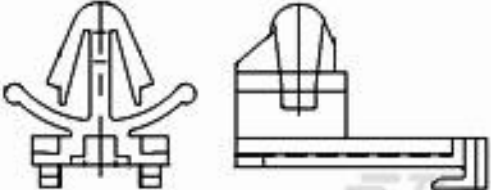
TE Part #2-1564559-2
MCON 1.2, 1-row, 2-8 POS TAB
Housing, Sealed



TE Part #163302-8
MATENLOK SOCKET



TE Part #170197-2
MINI AMP-IN 24-20 AWG



TE Part #368128-1
CLIP FOR EJ MKII 2P PLUG ASS'Y



TE Part #474357-E
SMCB 50 F AB VV 6-01 VHSL * 0008
137 E00

Documents

Product Drawings

TAB A 1.6x0.6 CONTACT CF SWS Au

English

TAB A 1.6x0.6 CONTACT CF SWS Au

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_964269-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_964269-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_964269-3_E.3d_stp.zip

English

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Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English