



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)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °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 mm²
Wire Size Search	1 mm², .5 mm², .75 mm², .6 mm²
Tab Length	22.4 mm[.881 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	Tin (Sn)

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

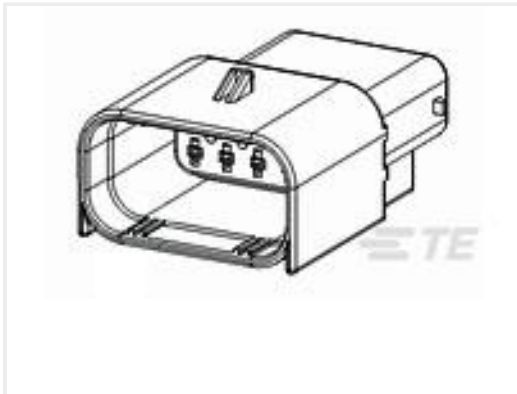
 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # CAT-L489-CH8172 LEAVYSEAL Connector Housings	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part # 963530-1 EINZELLEITERDICHTNG
 TE Part # 539960-1 AUSZ-WKZ,MICRO TIM.	 TE Part # 964972-1 EINZELLEITERDICHTNG	 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 # 2299450-1 14P TAB HOUSING ASSY	 TE Part # 1-284844-0 12 POS MCP HYBRID MALE CONNECTOR



TE Part # 1579008-9
INSERTION TOOL



TE Part # 1897686-2
MCP 1.5 SLD 18P TAB HSG



TE Part # 1897725-2
MCP 1.5 SLD 10P CAP HSG



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

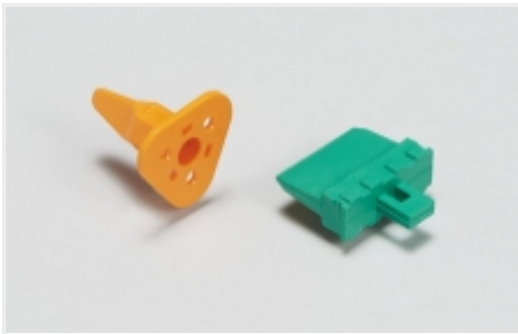


TE Part # 5-2151057-2
OCEAN_2.0_APPLICATOR-S-080F130O-RSA

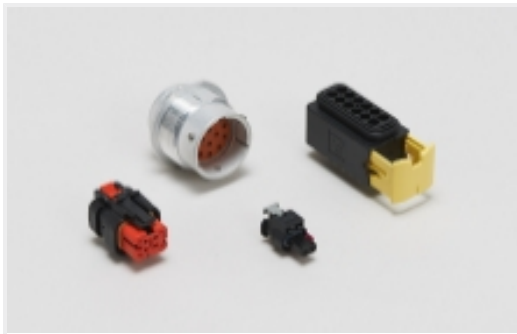
Also in the Series | Timer Connector System



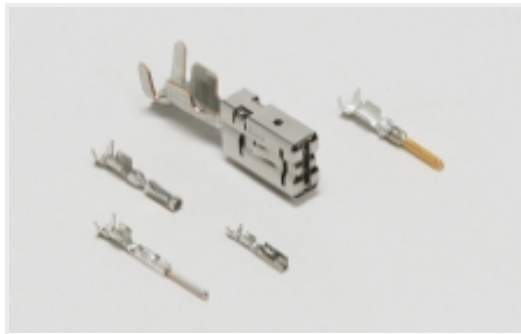
Automotive Connector Caps & Covers (13)



Automotive Connector Locks & Position Assurance(15)



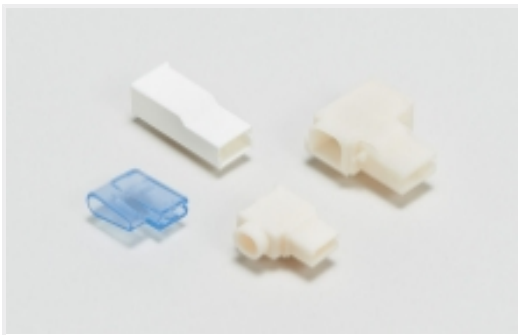
Automotive Housings(207)



Automotive Terminals(110)



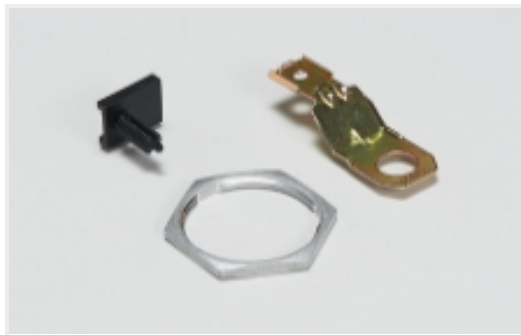
Connector Seals & Cavity Plugs(36)



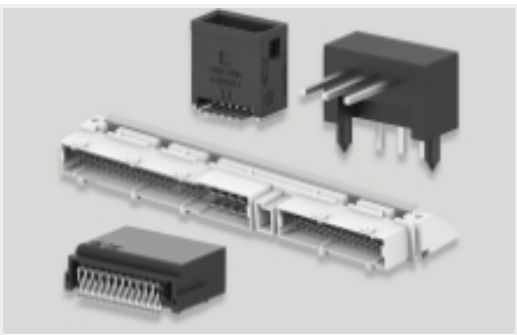
Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(40)



Quick Disconnects(4)

Customers Also Bought





TE Part #1-1564414-1
Heavy Duty Sealed Connector Series
Housings



TE Part #1-1718324-1
1.5/2.8MM TAB HSG.,62POS.,ASSY



TE Part #284844-1
12 POS MCP HYBRID MALE CONN AS



TE Part #1703278-2
TIMER, RECEPTACLE AND TAB



TE Part #1377181-2
110 FASTON,TAB,TNBR

Documents

Product Drawings

TAB A 1.6x0.6 CONTACT CF SWS Sn

English

TAB A 1.6x0.6 CONTACT CF SWS Sn

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_964269-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_964269-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_964269-2_D.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

Application Specification

English