



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



Terminal Type: **Tab**  
Mating Tab Width: **2.8 mm [.11 in]**  
Mating Tab Thickness: **.8 mm [.031 in]**  
Terminal Transmits: **25 – 40 A (Power)**  
Wire Size: **20 – 17 AWG**

[All TIMER, RECEPTACLE AND TAB \(323\)](#)

Features

Product Type Features

|                         |               |
|-------------------------|---------------|
| Receptacle Style        | 180°          |
| Sealable                | Yes           |
| Primary Locking Feature | Locking Lance |

Body Features

|                    |                        |
|--------------------|------------------------|
| Terminal Seal Type | Single Wire Seal (SWS) |
|--------------------|------------------------|

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Size                                   | 2.8mm            |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Typical Current Rating                         | 30 A             |
| Crimp Type                                     | F-Crimp          |
| Terminal Type                                  | Tab              |
| Mating Tab Width                               | 2.8 mm[.11 in]   |
| Mating Tab Thickness                           | .8 mm[.031 in]   |
| Interface Plating                              | Tin (Sn)         |

Termination Features



|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 3.4 mm[.134 in]                |
| Wire Size                            | .5 – 1 mm²                     |
| Wire Size Search                     | 17 AWG, 18 AWG, 19 AWG, 20 AWG |
| Tab Length                           | 26.8 mm[1.055 in]              |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature (Max) | 130 °C[266 °F]             |
| Operating Temperature Range | -40 – 130 °C[-40 – 266 °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 |
|-------------------------------------------|-------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 3500 |
| Packaging Method   | Reel |

Other

|                    |                   |
|--------------------|-------------------|
| Terminal Transmits | 25 – 40 A (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 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC                                                  |



Free

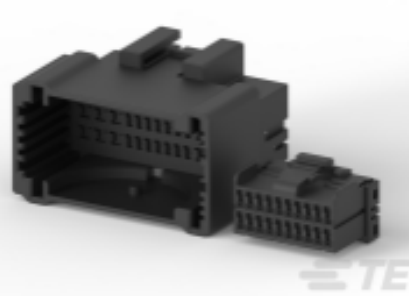
Solder Process Capability

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

|                                                                                                                                                                       |                                                                                                                                                   |                                                                                                                                                               |                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-H3399-CH8172<br/>Heavy Duty Sealed Connector Series Housings</p> |  <p>TE Part # CAT-T4827-CH8172<br/>Timer Connector Housing</p> |  <p>TE Part # CAT-L489-CH8172<br/>LEAVYSEAL Connector Housings</p>       |  <p>TE Part # CAT-M9194-CH8172<br/>MULTILOCK, CONNECTOR HOUSING</p>     |
|  <p>TE Part # 4-1579007-3<br/>EXTRACTION TOOL KIT</p>                              |  <p>TE Part # 1-1579007-6<br/>EXTRACTION TOOL</p>              |  <p>TE Part # CAT-AM705-CH8172<br/>AMP MCP, SEALED CONNECTOR HOUSING</p> |  <p>TE Part # 2301461-1<br/>30POS, HYBRID, TAB HSG ASSY, SLD, COD A</p> |
|  <p>TE Part # 828904-1<br/>SINGLE WIRE SEAL FOR J.P.T.CON</p>                      |  <p>TE Part # 1743062-1<br/>MT-II/JPT SLD 36P CAP HSG</p>      |  <p>TE Part # 2151181-1<br/>OCEAN_2.0_APPLICATOR-S-080F160O-RSM</p>      |  <p>TE Part # 2151181-2<br/>OCEAN_2.0_APPLICATOR-S-080F160O-RSA</p>     |



TE Part # 2301461-2  
30POS,HYBRID,TAB HSG ASSY,SLD,  
COD B

TE Part # 2304887-1  
16POS,HYBRID,TAB HSG ASSY,SLD,  
COD 1

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

TE Part # 2395308-1  
SDE F FLAT CONTACT 2.8 0.50-1.00  
mm2 ASSY

TE Part # 2395308-2  
SDE F FLT CONTACT 2.8 0.5-1.0mm2  
DIE SET

TE Part # 3-1703839-1  
2POS,TAB 2.8X0.8,TAB HSG,ASSY

TE Part # 4-1718324-1  
1.5/2.8MM TAB HSG,62POS,ASSY

TE Part # 5-2151181-1  
OCEAN\_2.0\_APPLICATOR-S-  
080F160O-RSM

Also in the Series | Junior Power Timer

Automotive Connector Caps & Covers  
(9)

Automotive Connector Locks &  
Position Assurance(8)

Automotive Housings(323)

Automotive Terminals(189)

Busbars & Terminals(1)

Connector Seals & Cavity Plugs(9)

Insertion & Extraction Tools(8)

Module Components(1)

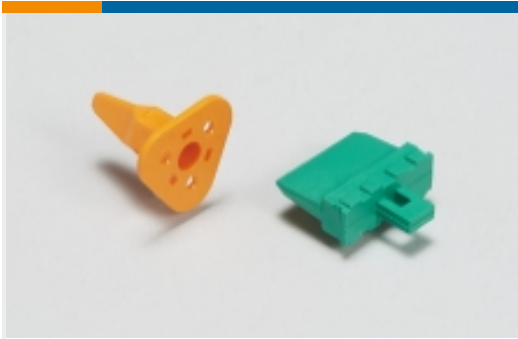
Other Automotive Connector  
Accessories(2)

Special Purpose Terminals(2)

Also in the Series | Timer Connector System



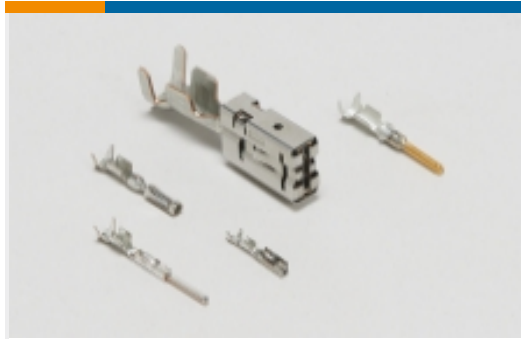
Automotive Connector Caps & Covers  
(14)



Automotive Connector Locks &  
Position Assurance(15)



Automotive Housings(215)



Automotive Terminals(135)



Connector Seals & Cavity Plugs(38)



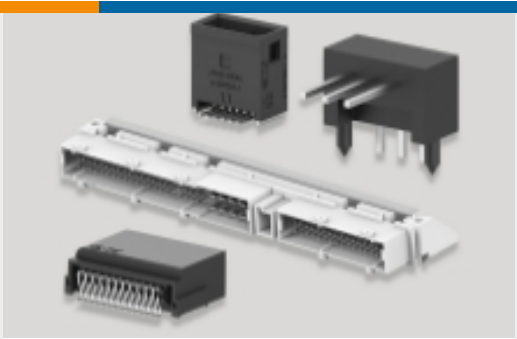
Crimp Terminal Housings(13)



Insertion & Extraction Tools(18)



Other Automotive Connector  
Accessories(1)



PCB Headers & Receptacles(40)



Quick Disconnects(4)

Customers Also Bought



TE Part #5-1718323-1  
2.8MM TAB HSG.,39POS.,ASSY



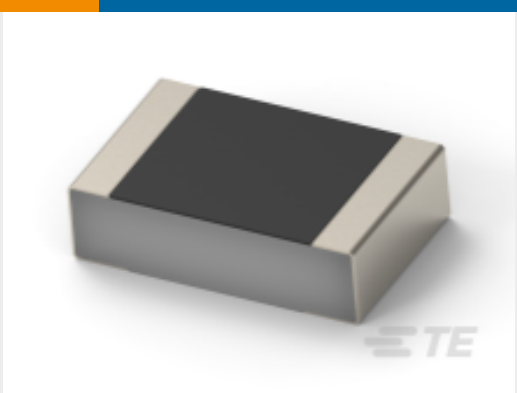
TE Part #828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI



TE Part #1241380-1  
AMP MCP 1.5K, CONTACT, SWS



TE Part #963904-1  
TIMER, RECEPTACLE AND TAB



TE Part #3-2176452-1  
CPF 0201 1K1 0.1% 25ppm 1K RL



TE Part #2389774-1  
USB,STD A,CABLE ASSY,2X28AWG -  
2X20AWG



TE Part #2435029-1  
USB,STDA,CABLE ASSY,2X28-  
2X20AWG YED LHD



TE Part #2435034-1  
USB,STDA,CABLE ASSY,2X28-  
2X20AWG YED RHD



TE Part #1544291-1  
4,8 RECEPTACLE

Documents

Product Drawings

TAB 2.8x0.8 CONTACT CS SWS Sn

English

TAB 2.8x0.8 CONTACT CS SWS Sn

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-962915-1\_E.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-962915-1\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-962915-1\_E.3d\_stp.zip

English

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Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English

Application Specification

English

