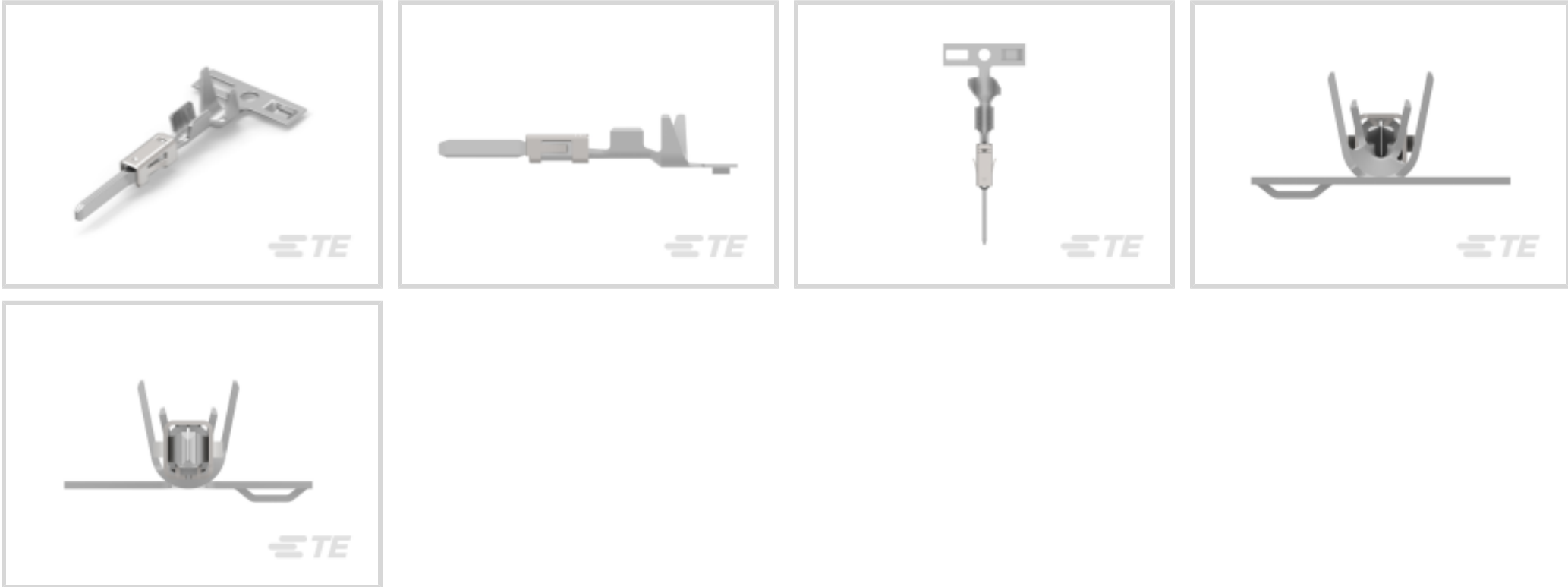




Terminals & Splices > Automotive Terminals > TIMER, RECEPTACLE AND TAB



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

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	22.5 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	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

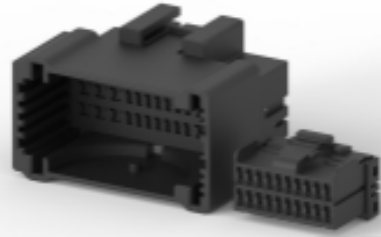


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # CAT-L489-CH8172 LEAVYSEAL Connector Housings	 TE Part # CAT-AM705-CH8173 AMP Unsealed Connector Housing	 TE Part # CAT-M9194-CH8172 MULTILOCK, 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 # 1743062-1
MT-II/JPT SLD 36P CAP HSG



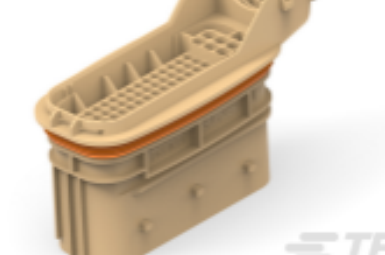
TE Part # 2151170-1
OCEAN-2.0-APPLICATOR-S-
080F130O-RSM



TE Part # 2151170-2
OCEAN-2.0-APPLICATOR-S-
080F130O-RSA



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



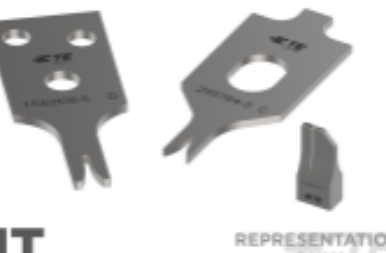
TE Part # 4-1718324-1
1.5/2.8MM TAB HSG, 62POS, ASSY



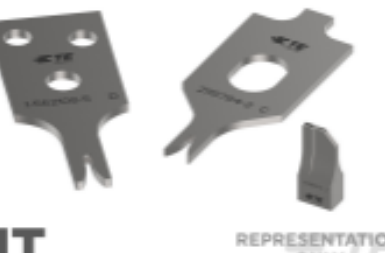
TE Part # 5-2151170-1
OCEAN-2.0-APPLICATOR-S-
080F130O-RSM



TE Part # 5-2151170-2
OCEAN-2.0-APPLICATOR-S-
080F130O-RSA



TE Part # 7-2151170-7
OCEAN_2.0_SPARE_PART_KIT-
080F130O



TE Part # 7-2266059-7
OC-080F130O-CRIMPTOOLINGKIT



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

Also in the Series | [Micro Timer I](#)



Automotive Housings(3)



Automotive Terminals(8)



Insertion & Extraction Tools(3)

Customers Also Bought



TE Part #964972-1
EINZELLEITERDICHTNG



TE Part #T1220100116-000
H10B-TG-PG16



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



TE Part #1743064-2
MT-2/JPT SLD 36P PLUG COVER BK





TE Part #1743065-2
MT-II/JPT SLD 36P CAP COVER



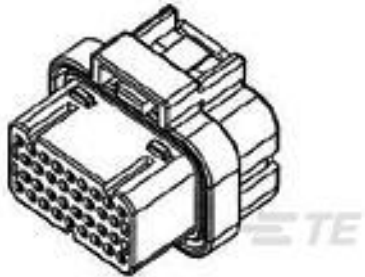
TE Part #1743062-2
MT-II/JPT SLD 36P CAP HSG



TE Part #T1010241600-000
H24B-KDTP-BO



TE Part #316016-6
040 PAIR MATE PLUG HSG ASY 22P



TE Part #8-1447231-2
PLUG HOUSING 24P B KIT

Documents

Product Drawings

TAB A 1.6x0.6 CONTACT CS SWS Sn

English

TAB A 1.6x0.6 CONTACT CS SWS Sn

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_963904-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_963904-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_963904-1_F.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

Product Specifications

Application Specification

English

963904-1

Tab, Mating Tab Width 1.6 mm [.063 in], Tab Thickness .6 mm [.024 in], 20 – 17 AWG
Wire Size, Micro Timer I, Automotive Terminals

