



Automotive Parts > Automotive Terminals > TIMER, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Wire Size: **20 – 17 AWG**

Mating Tab Width: **2.8 mm [.11 in]**

Interface Plating: **Tin (Sn)**

[All TIMER, RECEPTACLE AND TAB \(280\)](#)

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

Termination Features

--	--



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	3.4 mm[.134 in]
Wire Size	20 – 17 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm²
Tab Length	19.55 mm[.769 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	DIN 72036
---	-----------

Packaging Features

Packaging Method	Reel
Packaging Quantity	3500

Other

Terminal Transmits	0 – 24 A (Low 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC



Halogen Content	Low Halogen - Br, Cl, F < 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 # 7-2151060-7 OCEAN_2.0_SPALE_PART_KIT-080F1600	TE Part # 2390276-1 SDE F JR PWR TIMER 0.50-1.00mm2 ASSY	TE Part # 4-1579007-3 EXTRACTION TOOL KIT	TE Part # 2151060-2 OCEAN_2.0_APPLICATOR-S-080F1600-RSA
TE Part # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)	TE Part # 7-2151911-7 OC-080F1600-752-CRIMPTOOLINGKIT	TE Part # 2151062-2 OCEAN_2.0_APPLICATOR-S-100F140OV-RSA	TE Part # 2151060-1 OCEAN_2.0_APPLICATOR-S-080F1600-RSM
TE Part # 963294-1 SINGLE WIRE SEAL INSULATION DI	TE Part # CAT-T4827-CH8172 Timer Connector Housing	TE Part # 2390276-2 SDE F JR PWR TIMER 0.50-1.00mm2 DIE SET	TE Part # 1418893-4 2POS.JPT HSG. ASSY



TE Part # 2278086-1
JPT 2POS SEALED PLUG ASSY



TE Part # CAT-NA9-MMCS
MQS Mixed Connectors Signal-Power



TE Part # 368376-1
81P REC HSG ASSY() BLK



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

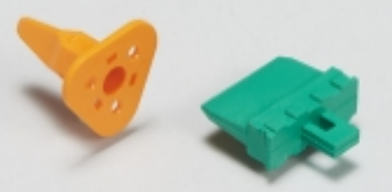


TE Part # 963293-1
SEALING F JPT+2,8



TE Part # 1-1579007-6
EXTRACTION TOOL

Also in the Series | Junior Power Timer



Automotive Connector Locks & Position Assurance(8)



Automotive Housings(279)



Automotive Seals & Cavity Plugs(8)



Automotive Signal & Power Connector Housings(275)



Module Components(1)



Other Automotive Connector Accessories(3)

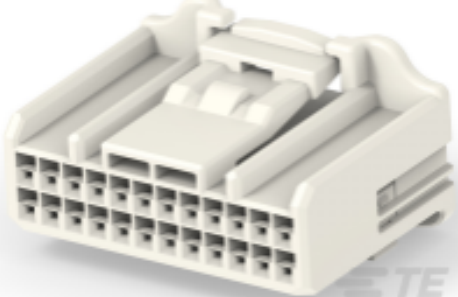
Customers Also Bought



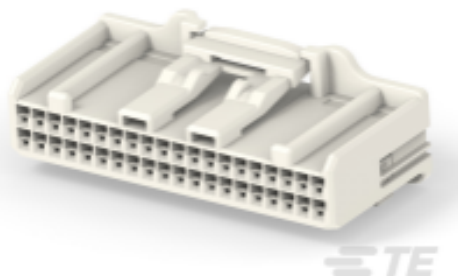
TE Part #1394139-1
8POS MQS REC



TE Part #7-1904094-1
V23134B0052X270-SZ-CBOX



TE Part #2401811-1
24POS,0.64 SERIES,REC HSG ASSY, UNSLD



TE Part #2403212-1
40POS,0.64 SERIES,REC HSG ASSY, UNSLD





TE Part #2301695-1
16POS,MQS,REC HSG,UNSLD



TE Part #2319937-3
REC CONN CVR,2POS,PCON21



TE Part #2319939-3
SWS,PCON21



TE Part #2319940-3
TPA REC HSG,2POS,PCON21



TE Part #2423365-1
2POS,AMP MCP 6.3/4.8K,REC HSG ASSY,COD A



TE Part #2435293-1
10POS,HYBRID,TAB HSG

Documents

Product Drawings

JPT A REC 2.8 Contact SWS Sn

English

JPT A REC 2.8 Contact SWS Sn

English

JPT A REC 2.8 Contact SWS Sn

English

CAD Files

Customer View Model

ENG_CVM_964286-2_B9.3d_igs.zip

English

Customer View Model

ENG_CVM_964286-2_B9.3d_stp.zip

English

Customer View Model

ENG_CVM_964286-2_B9.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

German

Application Specification

English



Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese