

1-962915-1 ✓ ACTIVE

AMP | Timer Connector System

TE Internal #: 1-962915-1

Automotive Terminals, Tab, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .031 in [.8 mm], 20 – 17 AWG Wire Size, Timer Connector System

[View on TE.com >](#)



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 \(346\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.5 – 1 mm ²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.4 – 2.1 mm [.055 – .083 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	3500

Other

Terminal Transmits	25 – 40 A (Power)
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 HOUSINGS



TE Part # 4-1579007-3
EXTRACTION TOOL KIT



TE Part # 1-1579007-6
EXTRACTION TOOL



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # CAT-T4827-CH8172
TIMER, CONNECTOR HOUSING



TE Part # CAT-M4595-CH8172
MCON, CONNECTOR HOUSING



TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # CAT-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Part # CAT-M4595-T273
MCON, RECEPTACLE AND TAB



TE Part # 2-2151181-1
OCEAN_2.0_APPLICATOR-S-080F160O




TE Part # 2-2151181-2
OCEAN_2.0_APPLICATOR-S-080F160O



TE Part # 2151181-1
OCEAN_2.0_APPLICATOR-S-080F160O



TE Part # 2151181-2
OCEAN_2.0_APPLICATOR-S-080F160O



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



REPRESENTATION ONLY. DIE SET MAY VARY. TE

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 # 5-2151181-1
OCEAN_2.0_APPLICATOR-S-080F160O


Also in the Series | Timer Connector System




Automotive Connector Caps & Covers (11)




Automotive Connector Locks & Position Assurance (16)



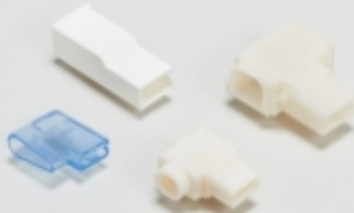
Automotive Housings (219)




Automotive Seals & Cavity Plugs (31)




Automotive Terminals (140)



Crimp Terminal Housings (13)




Insertion & Extraction Tools (20)



Other Automotive Connector Accessories (1)

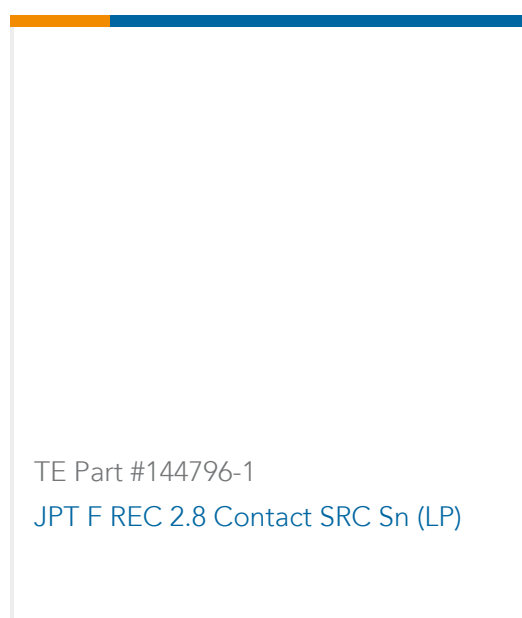


PCB Headers & Receptacles (78)



Quick Disconnects (4)

Customers Also Bought



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

Timer Interconnection System

English

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English

Product Environmental Compliance

MD_1-962915-1_07152016149_dmtec

English

MD_1-962915-1_07152016149_dmtec

English