



AMP

TE Internal #: 166500-2
Receptacle Terminal, 24 – 20 AWG, .2 – .5 mm² Wire, .64 mm [.025 in] Tab Width, Gold (Au), .64 mm [.025 in] Tab Thickness, Terminates To Wire

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Terminals & Splices > Automotive Terminals > RING TONGUE TERMINAL



Terminal Type: **Receptacle**
Wire Size: **24 – 20 AWG**
Mating Tab Width: **.64 mm [.025 in]**
Interface Plating: **Gold (Au)**

[All RING TONGUE TERMINAL \(3\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Contact Features

Typical Current Rating	3 A
Crimp Type	F-Crimp
Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Interface Plating	Gold (Au)
Mating Tab Thickness	.64 mm[.025 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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Compatible Insulation Diameter Range	1.4 mm[.055 in]
Wire Size	24 – 20 AWG
Wire Size Search	.2 mm², .25 mm², .3 mm², .4 mm², .5 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C[212 °F]
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	14000

Other

Customer Preferred Contact	No
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

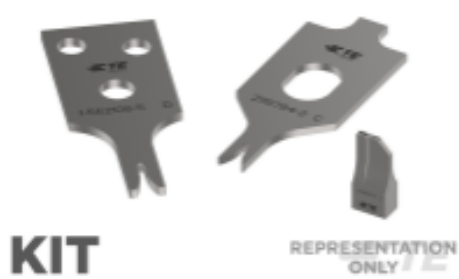
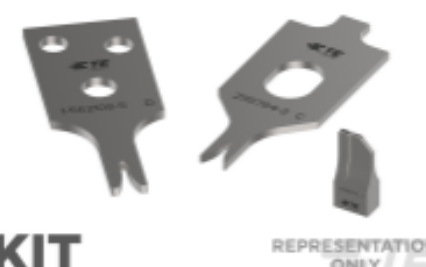
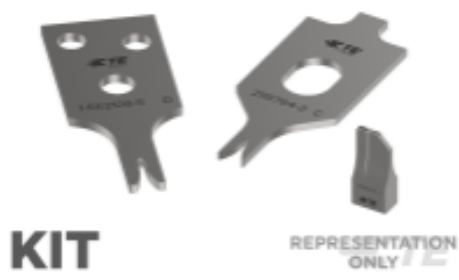
Product Compliance Disclaimer

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>

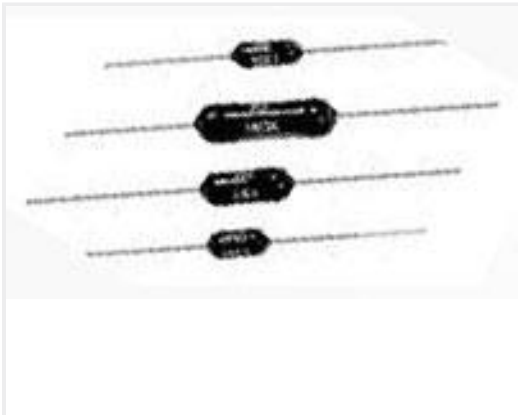
Compatible Parts

 KIT REPRESENTATION ONLY TE Part # 7-2836664-7 OCEAN_2.0_SPARE_PART_KIT-042F055O	 REPRESENTATION ONLY. DIE SET MAY VARY. TE Part # 2383863-1 SDE F MINI-TNDM SPNG 20-32AWG ASSY	 TE Part # 2151263-1 OCEAN_2.0_Applicator-S-055F062O-RSM	 TE Part # 5-2151263-2 OCEAN_2.0_Applicator-S-055F062O-RSA
 TE Part # 2836664-2 OCEAN_2.0_Applicator-S-042F055OA-RSA	 TE Part # 2151263-2 OCEAN_2.0_Applicator-S-055F062O-RSA	 TE Part # 2383863-2 SDE F MINI-TNDM SPNG 20-32AWG DIE SET	 TE Part # 843473-1 EXTRACTION TOOL
 TE Part # 5-2151263-1 OCEAN_2.0_Applicator-S-055F062O-RSM	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2836664-1 OCEAN_2.0_Applicator-S-042F055O-RSM	 KIT REPRESENTATION ONLY TE Part # 7-2266250-7 OC-055F062O-752-CRIMPTOOLINGKIT
 KIT REPRESENTATION ONLY TE Part # 7-2151263-7 OCEAN_2.0_SPARE_PART_KIT-055F062O			

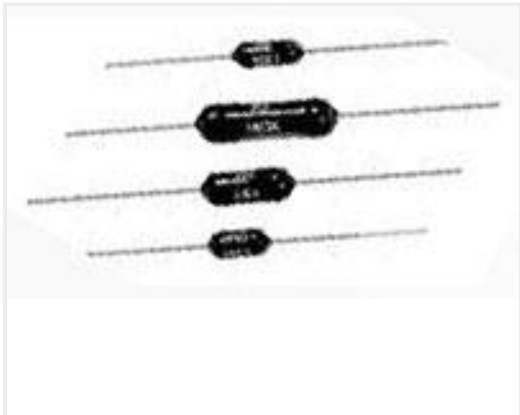
Customers Also Bought



TE Part #170037-4
187 FASTON, REC., 20-16 AWG, BR



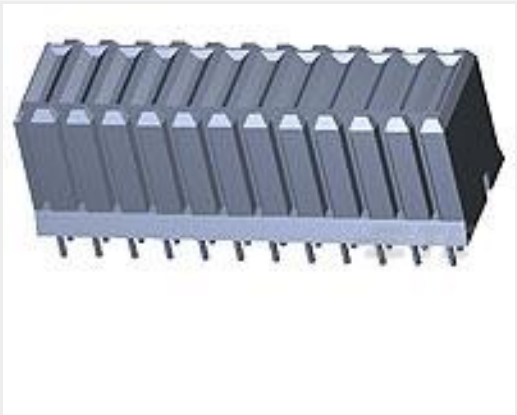
TE Part #2-1879664-1
H8 1K87 0.1% 15PPM



TE Part #2-1879642-6
H8 40K 0.1% 50PPM



TE Part #200867-1
SERIES "M" JACKSCREW FEM. ASSY



TE Part #5223995-2
UPM EXPANDED RECEPTACLE ASSEMB



TE Part #201037-1
104 PL. FEM. BLOCK-



TE Part #2-338168-2
9POL HDP20 PLUG



TE Part #926040-2
48P MOD 4 HSG



TE Part #826632-1
1P AMPMODU II PIN HDR



TE Part #925486-1
MOD. IV SNAP-IN HSG 96 POS.

Documents

Product Drawings

TANDEM SPRING REC

English

CAD Files

Customer View Model

ENG_CVM_166500-2_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_166500-2_Z.3d_stp.zip

English

Customer View Model

ENG_CVM_166500-2_Z.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

English

Application Specification

German

Application Specification

English