

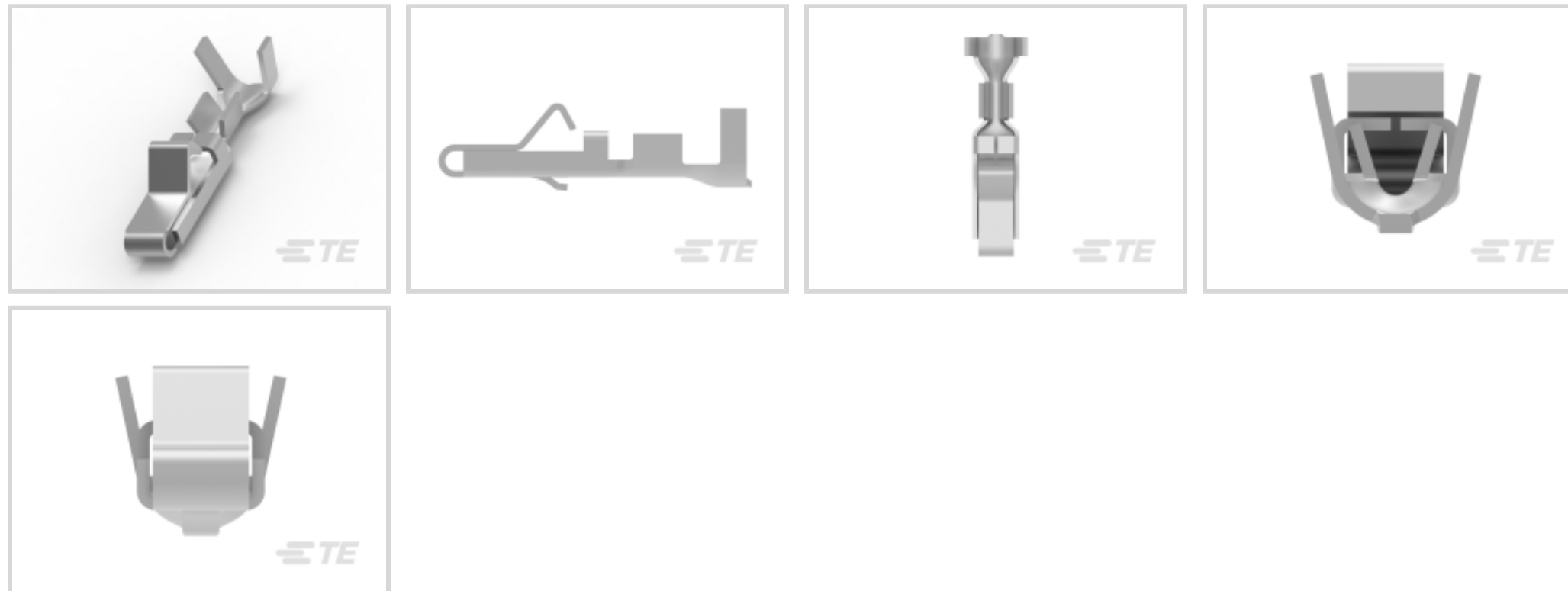


TE Internal #: 2005163-1

Automotive Terminals, Receptacle, 20 – 18 AWG Wire Size, .5 – .85 mm<sup>2</sup> Wire Size, Sealable, Single Wire Seal (SWS), Locking Locking Lance

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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.5 – .85 mm<sup>2</sup>**

Sealable: **Yes**

## Features

### Product Type Features

Sealable	Yes
Primary Locking Feature	Locking Lance

### Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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### Contact Features

Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Receptacle
Interface Plating	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	.5 – .85 mm <sup>2</sup>
Wire Size Search	18 AWG, 19 AWG, 20 AWG



Wire Insulation Diameter	2 – 2.3 mm [.079 – .091 in]
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### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C [176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	USCAR-21
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	3000

### Other

Terminal Transmits	0 – 24 A (Low Power)
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)




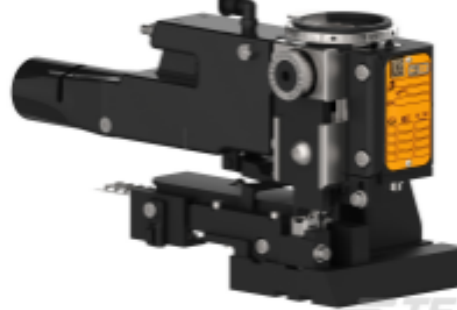







EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 2-2005159-2 BULB ASSY FOR T20/T2 NEW BK</p>	 <p>TE Part # 2-2109118-2 BULB ASSY FOR T20/T2 BK EXT</p>	 <p>TE Part # 1-2005159-2 BULB ASSY FOR T20/T1 NEW BK</p>
 <p>TE Part # 2-2151946-1 OC-PA-S-FM-080F150O-001-0353</p>	 <p>TE Part # 2-2151946-2 OC-PA-S-FA-080F150O-001-0353</p>	 <p>TE Part # 2005159-1 BULB ASSY FOR T20/T3 NEW NA</p>	 <p>TE Part # 2005159-2 BULB ASSY FOR T20/T3 NEW BK</p>
 <p>TE Part # 2151946-1 OC-AT-S-FM-080F150O-001-0353</p>	 <p>TE Part # 2151946-2 OC-AT-S-FA-080F150O-001-0353</p>	 <p>TE Part # 6-2005159-1 BULB ASSY FOR T20/T3 NEW NA</p>	 <p>TE Part # 7-2151946-7 OC-080F150O-CRIMPTOOLINGKIT</p>
 <p>TE Part # 2109118-2 BULB ASSY FOR T20/T3 BK EXT</p>	 <p>TE Part # 2-2005161-2 BULB ASSY FOR T20/T4 NEW BK</p>	 <p>TE Part # 2005161-1 BULB ASSY FOR T20/T5 NEW NA</p>	 <p>TE Part # 3-2005161-2 BULB ASSY FOR T20/T4 N/O BK</p>

## Documents

### Product Drawings

REC TML(L) FOR T20 BULB NEW

English



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2005163-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2005163-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2005163-1\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English