

63170-1 ✓ ACTIVE

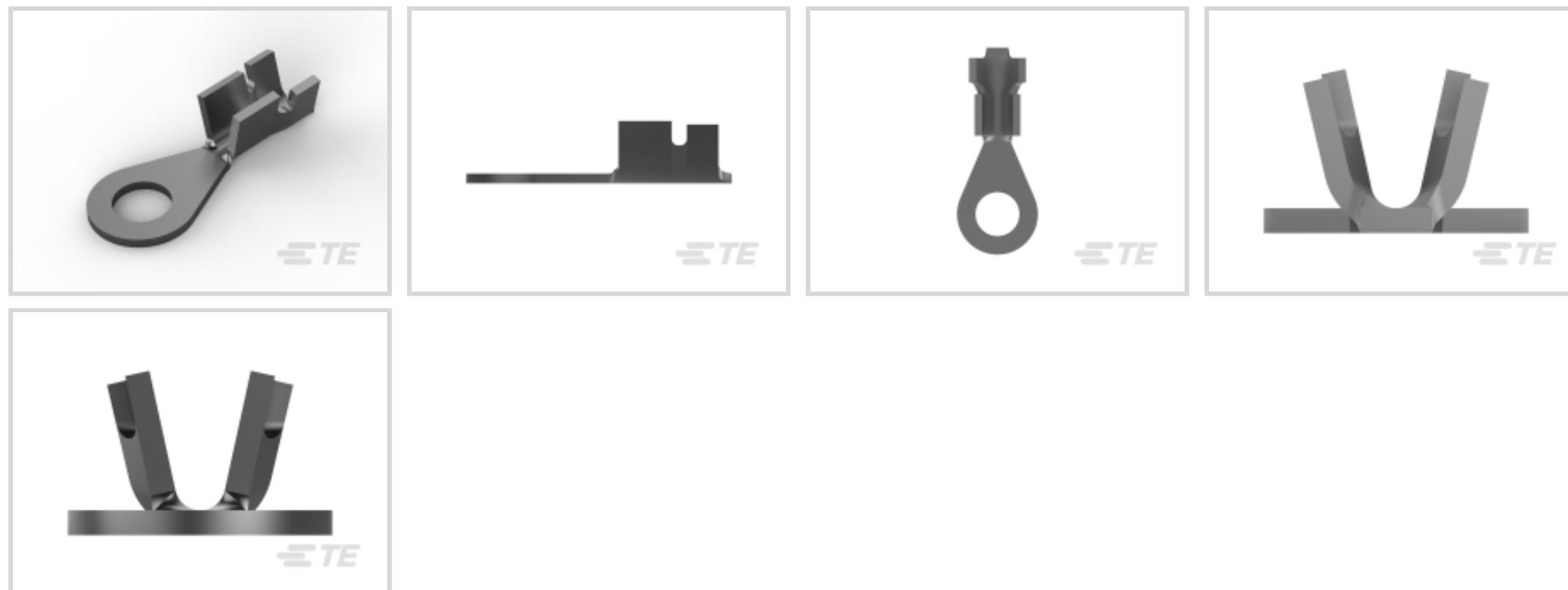
TE Internal #: 63170-1

Closed Ring Tongue Terminal, 18 – 14 AWG, #8 / M4 Stud, 4.34 mm [.171 in] Stud Diameter, Open Barrel, Straight, Tin Plating, Uninsulated

[View on TE.com >](#)



Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **1624 – 4106 CMA**

Stud Size: **#8, M4**

## Features

### Product Type Features

Shape Description	Circular/Oval
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

### Contact Features

Contact Base Material	Brass
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None

### Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

### Dimensions

.1 in
-------

Wire Size	1624 – 4106 CMA
Stud Diameter	4.34 mm [.171 in]
Tongue Thickness	.76 mm [.03 in]
Product Length	19.56 mm [.77 in]
Barrel Inside Diameter	1.52 mm, 2.92 mm [.06 in] [.115 in]
Compatible Insulation Diameter (Max)	3.56 mm [.14 in]
Compatible Insulation Diameter Range	2.54 – 3.56 mm [.1 – .14 in]

#### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]

#### Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

#### Industry Standards

Government Qualified Terminal	No
-------------------------------	----

#### Packaging Features

Packaging Method	Strip/Reel
------------------	------------

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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



TE Part # 40724  
RING 164(4.17 MM) TERMINAL 18-14  
AWG TPBR



TE Part # 40660  
RING 164(4.17 MM) TERMINAL 18-14  
AWG BR



TE Part # 40725-1  
RING TONGUE TERMINAL 18-14  
AWG TPPHZ



TE Part # 42168-2  
SPRING SPADE TERMINAL 18-14  
AWG TPBR



TE Part # 60024-2  
RING CRIMP TAB 18-14 AWG TPBR



TE Part # 40723  
RING 138(3.50 MM) TERMINAL 18-14  
AWG TPBR



TE Part # 40661  
RING 190(4.82 MM) TERMINAL 18-14  
AWG BR



TE Part # 40725  
RING 190(4.82 MM) TERMINAL 18-14  
AWG TPBR



TE Part # 60433-2  
RING CRIMP 18-14 AWG TPBR



TE Part # 40725-3  
RING TONGUE TERMINAL 18-14  
AWG TPBR

## Customers Also Bought



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



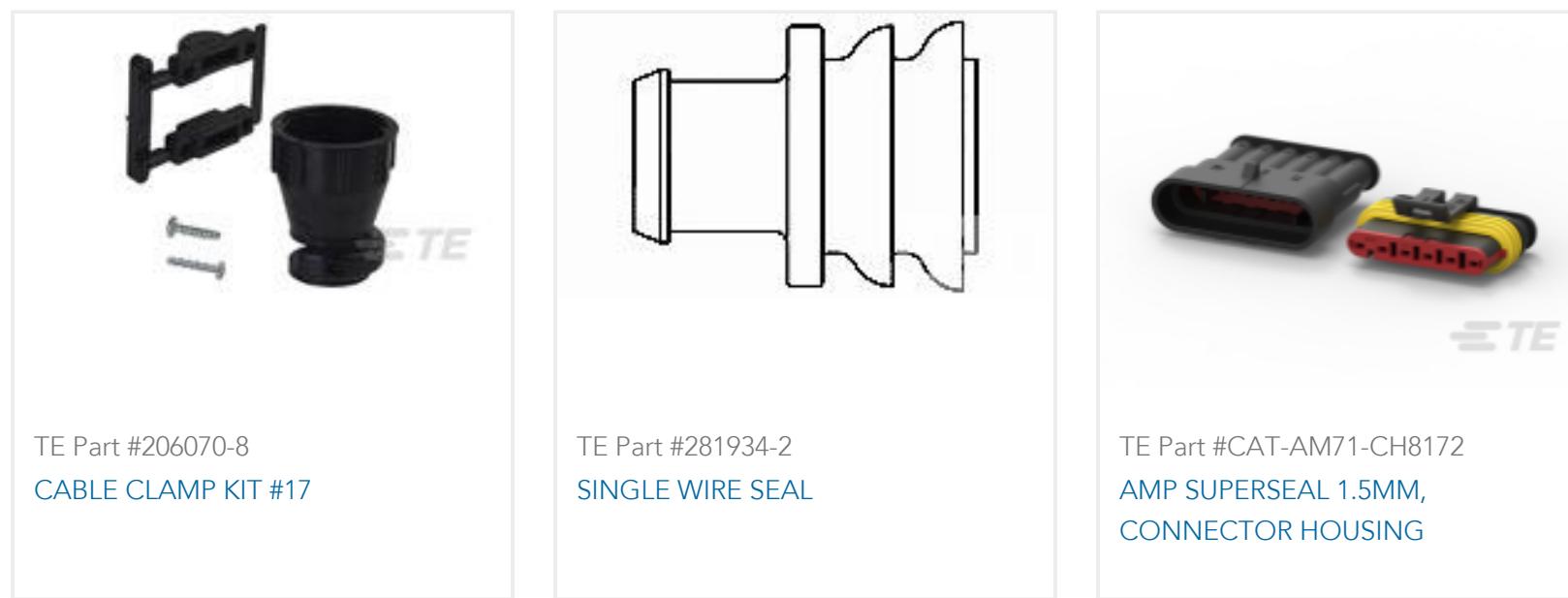
TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



## Documents

### Product Drawings

#### RING TERMINAL (RT) 18-14 AWG TPBR

English

---

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_63170-1\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63170-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63170-1\\_G.3d\\_stp.zip](#)

English

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

---

### Product Specifications

#### Engineering Report

English

---

### Agency Approvals

#### UL Report

English