

485003-1 ✓ ACTIVE

TE Internal #: 485003-1

Closed Ring Tongue Terminal, 22 – 18 AWG, M4 / #8 Stud Size,  
4.34 mm [.171 in] Stud Diameter, Open Barrel, Straight, Nickel,  
Uninsulated

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Terminals & Splices > Ring Terminals



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

Wire Size: **640 – 1624 CMA**

Stud Size: **#8, M4**

## Features

### Product Type Features

Terminal Features	Sheared
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

### Configuration Features

Number of Holes	1
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### Body Features

Product Weight	.354 g
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### Contact Features

Contact Base Material	Steel
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Nickel



Contact Underplating Material	None
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

	.12 in
Wire Size	640 – 1624 CMA
Stud Diameter	4.34 mm [.171 in]
Tongue Thickness	.51 mm [.02 in]
Product Length	16.26 mm [.64 in]
Barrel Inside Diameter	1.77 mm, 3.42 mm [.07 in] [.135 in]
Compatible Insulation Diameter (Max)	4.32 mm [.17 in]
Compatible Insulation Diameter Range	3.05 – 4.32 mm [.12 – .17 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C [-40 – 482 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	9000
Packaging Method	Strip/Reel

### 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 41330 RING 18-14 AWG TPBR</p>	 <p>TE Part # 41559 RING 18-14 AWG BR</p>	 <p>TE Part # 41558 RING 18-14 AWG BR</p>	 <p>TE Part # 41332 RING 18-14 AWG TPBR</p>
 <p>TE Part # 41333 RING 18-14 AWG TPBR</p>	 <p>TE Part # 41560 RING .190 (4.82 MM) 18-14 AWG BR</p>	 <p>TE Part # 41332-1 RING TERMINAL 18-14 AWG NPST</p>	 <p>TE Part # 1217160-1 OPEN BARREL RING PHOS BRZ</p>
 <p>TE Part # 1742775-1 RT .129 DIA TERMINAL .062 CABLE ST</p>	 <p>TE Part # 1742777-1 RT .262 DIA TERMINAL .062 CABLE ST</p>	 <p>TE Part # 41333-4 RING IS 18-14 10 .020NPST</p>	 <p>TE Part # 41558-1 RING 18-14 AWG NPSTL</p>

## Customers Also Bought



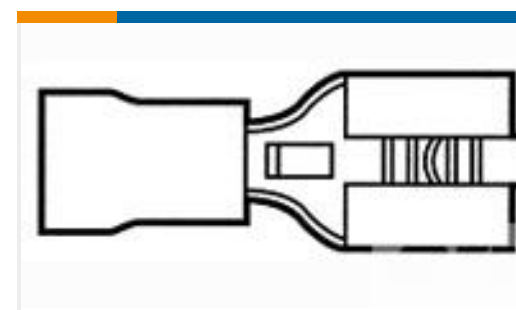
TE Part #130094  
PIDG RING



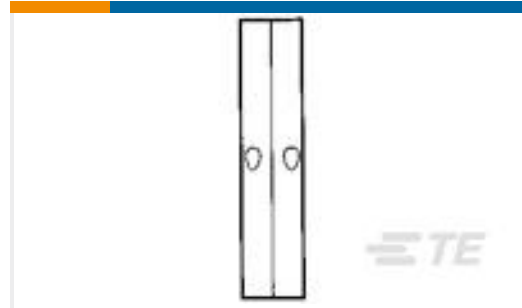
TE Part #5-166053-1  
COSI PIN CONTACT HD20 DF; 24-20  
AWG



TE Part #926893-3  
UNIV.M-N-L.SOCKET



TE Part #9-160583-5  
250 PIDG FASTON REC



TE Part #31818  
SPLICE, SOLIS, BUTT, 22-16 COMM  
22-18MIL



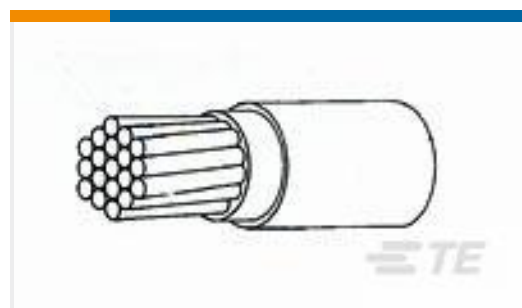
TE Part #2324697-6  
PUSH GRIP CONNECTOR 6P



TE Part #T1932060000-009  
H6BPR-AGC-EMC-C



TE Part #156667-1  
PIDG FASTON FLAG ASSY 22-18



TE Part #2820203012  
44A0111-20-0



TE Part #T1240240229-000  
H24B-TGH-2PG29

## Documents

### Product Drawings

[RING 22-18 AWG 0.0195 X 0.5 NPST](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_485003-1\\_K.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_485003-1\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_485003-1\\_K.3d\\_stp.zip](#)

English

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## Product Specifications

485003-1

Closed Ring Tongue Terminal, 22 – 18 AWG, M4 / #8 Stud Size, 4.34 mm [.171 in]  
Stud Diameter, Open Barrel, Straight, Nickel, Uninsulated



## Application Specification

English