

42864-2 ✓ ACTIVE

TE Internal #: 42864-2

Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

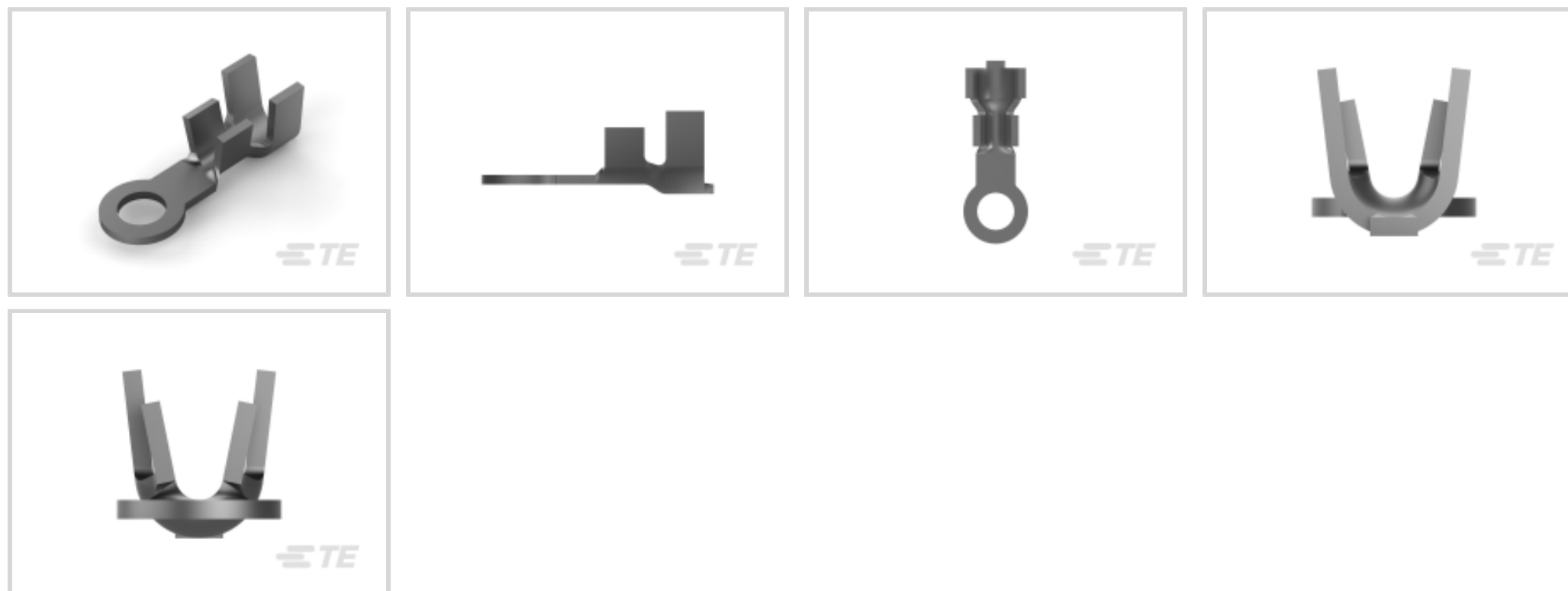
Wire Size, 3 – 6 mm<sup>2</sup> Wire Size, 6529 – 10382 CMA Wire Size, Stud

Size #10

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **6529 – 10382 CMA**

Stud Size: **#10**

## Features

### Product Type Features

Shape Description	Circular/Oval
Stud Size	#10
Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Insulation Support

### Configuration Features

Number of Holes	1
Terminal Angle	180 °

### Body Features

Weight per Piece	1.768 g
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### Contact Features

Contact Base Material	Brass
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin



Contact Underplating Material	None
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

	.17 in
Wire Size	6529 – 10382 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	1.02 mm[.04 in]
Overall Product Length	23.37 mm[.92 in]
Barrel Inside Diameter	2.54 mm, 4.82 mm[.1 in][.19 in]
Accepts Wire Insulation Diameter (Max)	5.33 mm[.21 in]
Accepts Wire Insulation Diameter Range	4.32 – 5.33 mm[.17 – .21 in]

### Usage Conditions

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

### Operation/Application

Compatible With Wire Base Material	Copper
Heavy Duty	No

### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	3000
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 2022 (224) Candidate List Declared Against: JAN 2022 (223)

SVHC > Threshold:  
Not Yet Reviewed

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 # 61844-1  
RING TERMINAL 12-10 AWG .0395X. 650 TPCU



TE Part # 42191-1  
FLAG TERMINAL TERMINAL 18-12 AWG TPBR



TE Part # 42639-1  
RING TERMINAL 14-12 AWG BR



TE Part # 2-2150286-2  
OCEAN\_2.0 Applicator-E-180F300F



TE Part # 2150286-2  
OCEAN\_2.0 Applicator-E-180F300F



TE Part # 60399-1  
RING TERMINAL 12-10 AWG TPCU



TE Part # 7-2150286-2  
OCEAN\_2.0 Applicator-E-180F300F

## Customers Also Bought



TE Part #42752-2  
RING CRIMP 16-14 AWG TPBR



TE Part #61868-1  
RING CRIMP 10-6 AWG TPBR



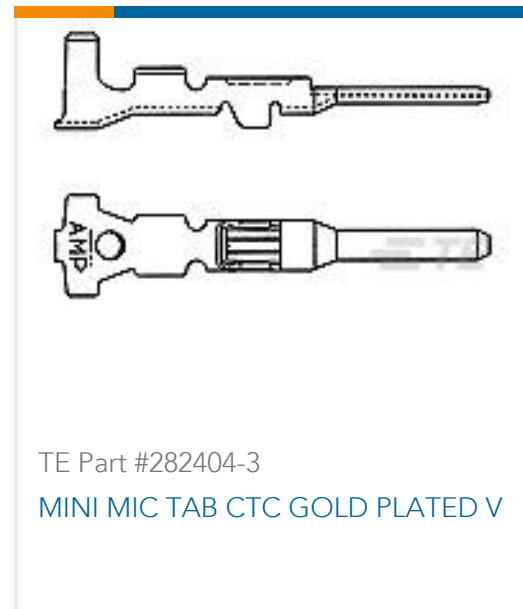
TE Part #1-1719504-1  
TAB 2.8x0.8 CONTACT CS SWS Sn



TE Part #1-173630-2  
070 REC CONTACT GOLD PLATED



TE Part #1-1719506-3  
AMP MCP 2.8, CONTACT SWS



TE Part #282404-3  
MINI MIC TAB CTC GOLD PLATED V



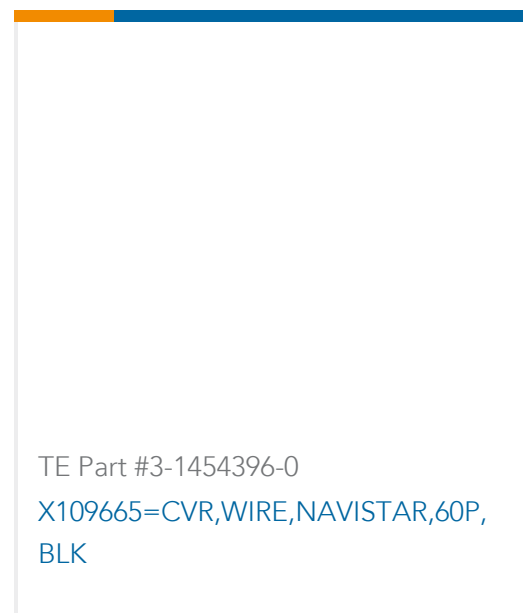
TE Part #CR2545-000  
2020B0309-0



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



TE Part #774185P018  
QS1500-NO.1-F5-0-75MM



TE Part #3-1454396-0  
X109665=CVR,WIRE,NAVISTAR,60P,  
BLK

## Documents

### Product Drawings

[RING CRIMP 12-10 AWG TPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_42864-2\\_N\\_c-42864-2-n.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_42864-2\\_N\\_c-42864-2-n.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_42864-2\\_N\\_c-42864-2-n.3d\\_stp.zip](#)

English

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

### Product Specifications



### Application Specification

English

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### Product Environmental Compliance

[MD\\_42864-2\\_11302016231\\_dmtec](#)

English

[MD\\_42864-2\\_11302016231\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English