



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **1624 – 6529 CMA**

Ring & Spade Stud Size: **#10**

Features

Product Type Features

|                              |                    |
|------------------------------|--------------------|
| Shape Description            | Flat Sided         |
| Ring & Spade Stud Size       | #10                |
| Ring & Spade Barrel Type     | Open Barrel        |
| Sealable                     | No                 |
| Insulated                    | No                 |
| Ring & Spade Wire/Cable Type | Regular Wire       |
| Support Style                | Insulation Support |

Configuration Features

|                 |     |
|-----------------|-----|
| Number of Holes | 1   |
| Terminal Angle  | 45° |

Body Features

|                               |         |
|-------------------------------|---------|
| Weight per Piece              | 1.588 g |
| Ring & Spade Plating Material | Tin     |

Contact Features

|                        |             |
|------------------------|-------------|
| Contact Base Material  | Brass       |
| Terminal & Splice Type | Ring Tongue |



|                                   |        |
|-----------------------------------|--------|
| Ring & Spade Terminal Orientation | Flag   |
| Underplating Material             | Nickel |

Mechanical Attachment

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

Dimensions

|                                             |                              |
|---------------------------------------------|------------------------------|
|                                             | .11 in                       |
| Wire Size                                   | 1624 – 6529 CMA              |
| Stud Diameter                               | 5.16 mm[.203 in]             |
| Tongue Thickness                            | .46 mm[.018 in]              |
| Ring & Spade Overall Length                 | 18.29 mm[.72 in]             |
| Ring & Spade Wire Insulation Diameter (Max) | 5.33 mm[.21 in]              |
| Ring & Spade Wire Insulation Diameter       | 2.79 – 5.33 mm[.11 – .21 in] |

Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Insulation Requirement      | Uninsulated    |
| Operating Temperature Range | 110 °C[230 °F] |

Operation/Application

|            |    |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

|                      |    |
|----------------------|----|
| Government Qualified | No |
|----------------------|----|

Packaging Features

|                               |            |
|-------------------------------|------------|
| Packaging Quantity            | 5000       |
| Ring & Spade 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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

|                                                                                                                                                   |                                                                                                                                          |                                                                                                                                                 |                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 42863-2<br>RING CRIMP 12-10 AWG TPBR             | <br>TE Part # 42864-2<br>RING CRIMP 12-10 AWG TPBR    | <br>TE Part # 42673-2<br>RING .190 (4.82 MM) 8-10 AWG TPBR | <br>TE Part # 42864-1<br>RING CRIMP 12-10 AWG BR            |
| <br>TE Part # 350436-2<br>RING TERMINAL 18-14 AWG TPST         | <br>TE Part # 60485-1<br>RING TERMINAL 14-12 AWG TPBR | <br>TE Part # 42639-1<br>RING TERMINAL 14-12 AWG BR        | <br>TE Part # 42188-1<br>SPADE TERMINAL FLAG 18-12 AWG TPBR |
| <br>TE Part # 42189-1<br>FLAG TERMINAL TERMINAL 18-12 AWG TPBR | <br>TE Part # 42190-1<br>AUTO FLAG RING 18-12 8 TPBR  |                                                                                                                                                 |                                                                                                                                                  |

Customers Also Bought





TE Part #2-1623789-7  
Wirewound Resistor: Vertical Mount



TE Part #42663-2  
FF 312 REC 16-12AWG TPBR



TE Part #31819  
SPLICE,SOLIS BUTT 16-14



TE Part #1393117-3  
KUMP-7D58-48=KU



TE Part #42692-1  
FASTON 250 RECEPTACLE 18-14 AWG BR



TE Part #1-770005-0  
UMNL II PIN AUSN/NI/BR



TE Part #42660-1  
FASTON 250 RECEPTACLE 18-14 AWG BR



TE Part #31161  
DG R 22-16 COMM 22-18 MIL 10



TE Part #3-1969541-2  
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #EM7501-000  
X4-1.5-0-SP-SM

Documents

Product Drawings

FLAG TERMINAL TERMINAL 18-12 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_42191-1\_U\_c-42191-1-u.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_42191-1\_U\_c-42191-1-u.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_42191-1\_U\_c-42191-1-u.3d\_stp.zip

English

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Product Specifications



Engineering Report

English

Agency Approvals

UL Report

English