

63612-1 ✓ ACTIVE

## AMPLIVAR

TE Internal #: 63612-1

Ring Terminals & Spade Terminals, Ring Tongue, 22 – 18 AWG

Wire Size, .326 – .823 mm<sup>2</sup> Wire Size, 640 – 1624 CMA Wire Size,

Stud Size M6, AMPLIVAR

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **640 – 1624 CMA**

Stud Size: **M6**

### Features

#### Product Type Features

|  |                    |
|--|--------------------|
| Shape Description                      | RING-028           |
| Stud Size                              | M6                 |
| Sealable                               | No                 |
| Compatible With Discrete Wire Type     | Magnet Wire        |
| Wire Insulation Support Retention Type | Insulation Support |

#### Configuration Features

|                 |       |
|-----------------|-------|
| Number of Holes | 1     |
| Terminal Angle  | 180 ° |

#### Contact Features

|                               |             |
|-------------------------------|-------------|
| Ring & Spade Terminal Type    | Ring Tongue |
| Barrel Type                   | Open        |
| Terminal Orientation          | Straight    |
| Terminal Plating Material     | Tin         |
| Contact Underplating Material | Brass       |

#### Mechanical Attachment



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

### Dimensions

|  |                                   |
|--|-----------------------------------|
| Wire Size                              | 640 – 1624 CMA                    |
| Stud Diameter                          | 6.73 mm[.265 in]                  |
| Tongue Thickness                       | .64 mm[.025 in]                   |
| Overall Product Length                 | 22.15 mm[.872 in]                 |
| Barrel Inside Diameter                 | 1.02 mm, 3.68 mm[.04 in][.145 in] |
| Accepts Wire Insulation Diameter (Max) | 4.19 mm[.165 in]                  |
| Accepts Wire Insulation Diameter Range | 3.18 – 4.19 mm[.125 – .165 in]    |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

### Operation/Application

|                                    |                  |
|------------------------------------|------------------|
| Compatible With Wire Base Material | Aluminum, Copper |
| Heavy Duty                         | No               |

### Industry Standards

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

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 5000 |
| Packaging Method   | 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)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>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

|  |   |  |  |
|--|---|--|--|
|  <p>TE Part # 60323-2<br/>AMPLIVAR RG 23-19 8 TPBR</p>  |  <p>TE Part # 63864-1<br/>RING AMVAR IS 2(13) 025TPBR</p>  |  <p>TE Part # 60319-2<br/>AMPLIVAR RG 23-19 10 TPBR</p>   |  <p>TE Part # 60320-2<br/>AMPLIVAR RG 18-14 #8 TPBR</p> |
|  <p>TE Part # 60322-2<br/>AMPLIVAR RG 20-16 8 TPBR</p>  |  <p>TE Part # 60752-2<br/>AMVAR RING IS 2/17-2/158TPBR</p> |  <p>TE Part # 62755-1<br/>RING AMVAR 14-12 2 15025 BR</p> |  <p>TE Part # 60321-2<br/>AMPLIVAR RG 23-19 8 TPBR</p>  |
|  <p>TE Part # 60325-2<br/>AMPLIVAR RG 23-19 10 TPBR</p> |  <p>TE Part # 62835-1<br/>RING AMVAR 22-18 025 TPBR</p>    |  <p>TE Part # 63649-1<br/>RING AMVAR 22-18 025TPBR</p>    |  <p>TE Part # 567411-2<br/>APPL,HDM EMPR100F220F K</p>  |

Also in the Series | **AMPLIVAR**



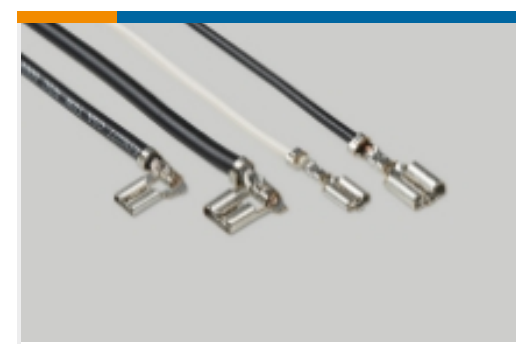
Crimp Wire Pins, Tabs &amp; Ferrules(5)



Magnet Wire Terminals(5)



PCB Terminals(1)



Quick Disconnects(42)

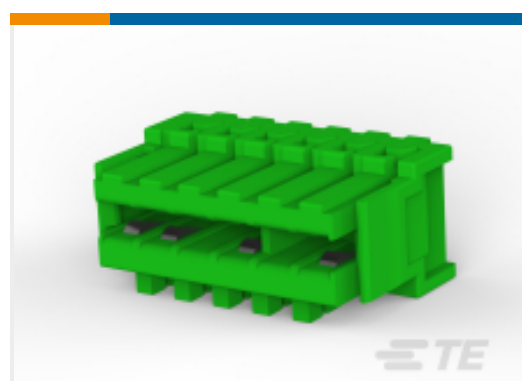


Ring Terminals &amp; Spade Terminals(28)



Splices(78)

## Customers Also Bought

TE Part #9-2176369-9  
RQ 0603 422R 0.1% 10PPM 5K RLTE Part #2176370-8  
RQ 0603 511R 0.1% 10PPM 5K RLTE Part #1-2176371-3  
RQ 0603 6K19 0.1% 10PPM 5K RLTE Part #179464-2  
DBL LOCK CAP F/H 3P REDTE Part #2-284866-6  
DUOPLUG 2.5 6P,SIDE LOCK, SEL.4/5TE Part #2293372-2  
AMP MONO-SHAPE PCB CONNTE Part #5-1241965-2  
2POS STANDARD TIMER HOUSINGTE Part #1-18023-1  
SCREW,CAP,SOCKET HEAD (M4x10)

## Documents

### Product Drawings

[RING AMVAR 22-18 025TPBR](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_63612-1\\_G.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_63612-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63612-1\\_G.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

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