

DIAMOND GRIP

TE Internal #: 30997

Ring Terminals & Spade Terminals, Ring Tongue, 22AWG Wire Size, .3 – 1.42mm² Wire Size, 509 – 3260CMA Wire Size, #10, Stud Diameter 4.82 mm [.19 in]

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Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **509 – 3260 CMA**

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

Features

Product Type Features

|                              |                    |
|------------------------------|--------------------|
| Shape Description            | RING-052           |
| Ring & Spade Stud Size       | #10                |
| Ring & Spade Barrel Type     | Closed Barrel      |
| Sealable                     | No                 |
| Insulated                    | No                 |
| Ring & Spade Wire/Cable Type | Regular Wire       |
| Support Style                | Insulation Support |

Configuration Features

|                 |          |
|-----------------|----------|
| Number of Holes | 1        |
| Terminal Angle  | Straight |

Body Features

|                               |             |
|-------------------------------|-------------|
| Inspection Slot               | No          |
| Weight per Piece              | .759 g      |
| Ring & Spade Plating Material | Copper, Tin |

Contact Features

|                                   |             |
|-----------------------------------|-------------|
| Terminal & Splice Type            | Ring Tongue |
| Ring & Spade Terminal Orientation | Offset      |

Mechanical Attachment

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

Dimensions

|                                             |                               |
|---------------------------------------------|-------------------------------|
| Wire Size                                   | 509 – 3260 CMA                |
| Stud Diameter                               | 4.82 mm[.19 in]               |
| Tongue Thickness                            | .79 mm[.031 in]               |
| Ring & Spade Overall Length                 | 19.69 mm[.775 in]             |
| Ring & Spade Wire Insulation Diameter (Max) | 3.18 mm[.125 in]              |
| Ring & Spade Wire Insulation Diameter       | 2.03 – 3.18 mm[.08 – .125 in] |

Usage Conditions

|                             |                |
|-----------------------------|----------------|
| Insulation Requirement      | Uninsulated    |
| Operating Temperature Range | 170 °C[338 °F] |

Operation/Application

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

Industry Standards

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

Packaging Features

|                               |             |
|-------------------------------|-------------|
| Packaging Quantity            | 1000        |
| Ring & Spade Packaging Method | Loose Piece |

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

TE Part # 49512  
DAHT DIAMOND GRIP 22-16 ASSY

Customers Also Bought

TE Part #160163-2  
RING TONGUE WITH IS 3.1-5.3 MM2  
TPBR

TE Part #1-1393249-6  
W58-XB1A4A-30=W58

TE Part #2-34108-2  
SOLIS R 22-16 COMM 22-18 MIL 8

TE Part #2-1355668-2  
TIMER, CONNECTOR HOUSING

TE Part #1062-20-0244  
DEUTSCH STAMPED & FORMED  
CONTACTS

TE Part #YDTS20T13-08SNV001  
D38999: Square Flange, 13-08 insert

TE Part #103682-7  
08 MTE PANEL MOUNT SR

TE Part #1-582843-2  
41 AMP BLADE HDR ASSY/MIL

TE Part #1658063-1  
MSB0.80PL5ASY040FL,-,10,-TY

TE Part #1-1546415-1  
ETHERNET RJ-11 BLKHD PASSTHRU



Documents

Product Drawings

DG R 22-16 COMM 22-18 MIL10

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_30997\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_30997\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_30997\_P.3d\_stp.zip

English

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Agency Approvals

UL Report

English

UL Report

English