



YAEV1CRS, Nylon Right Angle Ring Terminal For 1 AWG

By Burndy
Catalog # [YAEV1CRS](#)



Nylon Right Angle Ring Terminal For 1 AWG.

Features

- Double thick tongue for maximum reliability and electrical capacity plus an extra strong terminal tongue
- Manufactured from one-piece pure electrolytic copper — high conductivity, low resistance with no seams to split plus ductility for excellent crimp forming properties
- Electro-tin plated to provide long-lasting corrosion resistance
- Nylon insulation is locked in place — Insulation will not move or twist off
- 600 volt nylon insulation providing high dielectric strength and stability in demanding oily environmental conditions
- Color Coded providing quick, easy wire size connector selection

Application

For Very Demanding High Vibration Applications Encountered In Aircraft And Aboard Ships As Well As Motor Lead Applications In Hospitals, Industrials And Generating Plants

General

| | |
|--------------------------------------|--------------------|
| Catalog Number | YAEV1CRS |
| Color Code | White |
| Connector Type | Ring Terminal |
| Die Index | 600 |
| EU RoHS Indicator | Yes |
| Feature - Barrel Style | Belled |
| Feature - Barrel Type | Standard |
| Insulation | Y |
| Insulation Type | Nylon |
| Material | Copper |
| Physical Attribute - Number of Holes | 1 |
| Physical Attribute - Tongue Type | Ring |
| Plated | Y |
| Plating Type | Tin |
| Sub Brand | TERMINALS, INSULUG |
| Trade Name | INSULUG™ |
| Type | YAEV-RS |
| UPC | 781810039540 |
| UPC 14 Digit GTIN | 00781810039540 |

Dimensions

| | |
|-----------------------------------|-----------|
| Dimension - B Length fraction | 9/16 in |
| Dimension - B Length inch | 0.56 in |
| Dimension - Bolt Hole Size inch | 0.39 in |
| Dimension - Bolt Size fraction | 3/8 |
| Dimension - D inch | 0.67 in |
| Dimension - G inch | 1.22 in |
| Dimension - Hole Size inch | 0.40 in |
| Dimension - Length Overall inch | 1.65 in |
| Dimension - N inch | 0.33 in |
| Dimension - Outside Diameter inch | 0.72 in |
| Dimension - Pad Width inch | 0.73 in |
| Dimension - Strip Length inch | 5/8 in |
| Dimension - Stud Size inch | 3/8 |
| Dimension - Z (inch) | 0.34 in |
| Physical Attribute - Tongue Angle | 90 Degree |

Electrical Ratings

| | |
|-------------------|-------|
| Voltage - Maximum | 600 V |
|-------------------|-------|

Conductor Related

| | |
|--------------------------------------|---|
| Conductor - Copper Str Aircraft Size | AN 1 |
| Conductor - Copper Str Size | 1 AWG |
| Conductor Size | 1 AWG |
| Conductor Type | <ul style="list-style-type: none">• CU C Solid-Size• CU C Str-Size |

Certifications And Compliance

| | |
|------------------------------------|---|
| Buy America(n) Qualified | Contact Manufacturer |
| Certification - ETL | No |
| Certification - UL Recognized | No |
| Certification - cULus | No |
| Industry Standard(s) | <ul style="list-style-type: none">• UL486• Military Specified (Mil-Spec) |
| Standards - Industry Standards Met | UL486 |
| Standards - RoHS Compliance Status | CM |
| UL Listed | Yes |

Logistics

| | |
|-----------------------|-------|
| Carton Quantity | 100 |
| Minimum Pack Quantity | 100 |
| Pallet Quantity | 29600 |

Product Assets

- 3D Models - YAEV1CRS_MODEL-IGES
- 3D Models - YAEV1CRS_MODEL-PDF

- 3D Models - YAEV1CRS_MODEL-STEP
- Catalogs - BURNDY Master Catalog - Section B - Small Terminals
- Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Product Cross Section Image(s) - BUR_YAEV1CRS2_LineArt
- Sales Drawings - 50094167
- Specifications - YAEV1CRS

