# YAEV8CL1, Nylon Ring Terminal For 8 AWG



By Burndy
Catalog # YAEV8CL1

Copper Lug, Ring Tongue, 1 Hole w/ Inspection Hole, 8 AWG, 1/4" Stud, Insulated, Short Barrel, Tin Plated, 600 Volts Max.

## 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 evironmental 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 | YAEV8CL1 |
| Color Code | Red |
| Connector Type | Ring Terminal |
| Die Index | 435 |
| EU RoHS Indicator | Yes |
| Feature - Barrel Style | Chamfered |
| Feature - Barrel Type | Standard |
| Insulation | Y |
| Insulation Type | Nylon |
| Material | Copper |
| Military Specification | MS25036 |
| Physical Attribute - Number of Holes | 1 |
| Physical Attribute - Tongue Type | Ring |
| Plated | Y |
| Plating Type | Tin |
| Sub Brand | INSULUG |
| Trade Name | INSULUG™ |
| Type | YAEV-L, Heavy Duty |
| UPC | 781810027745 |
| UPC 14 Digit GTIN | 00781810027745 |

## Dimensions

| | |
|---|---|
| Dimension - B Length fraction | 9/25 in |
| Dimension - B Length inch | 0.36 in |
| Dimension - Bolt Size fraction | 1/4 |
| Dimension - Length Overall inch | 1.47 in |
| Dimension - N inch | 0.23 in |
| Dimension - P inch | 0.13 in |
| Dimension - Pad Width inch | 0.46 in |
| Dimension - Stud Size inch | 1/4 |
| Dimension - Z (inch) | 0.32 in |

## Electrical Ratings

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

## Conductor Related

| | |
|---|---|
| Conductor - Copper Str Aircraft Size | AN 8 |
| Conductor - Copper Str Aircraft Size Range | AN 8 |
| Conductor - Copper Str Size | 8 |
| Conductor - Copper Str Size Range | 8 AWG |
| Conductor Size | 8 AWG |
| Conductor Type | • CU C Solid-Size<br>• CU C Str-Size |

## Certifications And Compliance

| | |
|---|---|
| Buy America(n) Qualified | TAA Compliant (All status valid till December 2024) |
| Industry Standard(s) | • UL486<br>• Military Specified (Mil-Spec) |
| Standards - Industry Standards Met | UL486 |
| Standards - RoHS Compliance Status | CM |
| UL Listed | Yes |

## Logistics

| | |
|---|---|
| Carton Quantity | 200 |
| Minimum Pack Quantity | 200 |
| Pallet Quantity | 99999 |

## Product Assets

3D Models - YAEV8CL1_MODEL-PDF
3D Models - YAEV8CL1_MODEL-IGES
3D Models - YAEV8CL1_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_YAEV_LineArt
Sales Drawings - 50094163
Specifications - YAEV8CL1



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