# YAE10NM, Nylon Ring Terminal For 12 - 10 AWG (Tape Mounted)

By Burndy
Catalog # YAE10NM

Nylon Ring Terminal For 12 - 10 AWG (Tape Mounted).

## Features

- Multi-finger insulation grip provides superior insulation holding characteristics, especially on EPR and other elastic-type insulation
- Brazed seam for a strong, more durable termination
- Manufactured of pure electrolytic copper for maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Deep V groove, inner barrel serrations for optimum conductivity, reliability, and holding power
- Smooth funnel entry for easy wire insertion

## Application

Power Connector

## General

| | |
|---|---|
| Catalog Number | YAE10NM |
| Color Code | Yellow |
| Connector Type | Ring Terminal |
| Feature - Barrel Style | Shrouded |
| Feature - Barrel Type | Standard |
| Insulation | Y |
| Insulation Type | Nylon |
| Material | Copper |
| Physical Attribute - Number of Holes | 1 |
| Physical Attribute - Tongue Type | Ring Terminal |
| Plated | Y |
| Plating Type | Tin |
| Temperature Rating | 105° C |
| Trade Name | INSULUG™ |
| UPC | 781810028650 |
| UPC 12 Digit | 7818100286500 |

## Dimensions

| | |
|---|---|
| Dimension - Bolt Size fraction | #8 - #10 |
| Dimension - Hole Size fraction | 1/5 |
| Dimension - Hole Size inch | #8-#10 |
| Dimension - Length Overall inch | 1.15 in |
| Dimension - N inch | 0.19 in |
| Dimension - Pad Width inch | 0.38 in |
| Dimension - Strip Length inch | 3/8 in |
| Dimension - Stud Size inch | #8 - #10 |
| Dimension - Z (inch) | 0.28 in |

## Electrical Ratings

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

## Conductor Related

| | |
|---|---|
| Conductor - Copper Str Size Range | 12 AWG - 10 AWG |
| Conductor Size | 12 - 10 AWG |
| Conductor Type | CU C Str-Size |

## Certifications And Compliance

| | |
|---|---|
| Certification - CSA Approved | Yes |
| Certification - ETL | No |
| Certification - UL Recognized | No |
| Certification - cULus | No |
| Industry Standard(s) | • UL486<br>• Military Specified (Mil-Spec) |
| Standards - Industry Standards Met | UL486 |
| Standards - RoHS Compliance Status | CM |
| UL Listed | Yes |

## Logistics

| | |
|---|---|
| Minimum Pack Quantity | 1000 |
| Packaging Type | Reel |

## Product Assets

Catalogs - BURNDY Master Catalog - Section B - Small Compression
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
Customer Notices - Prop 65 Notice
Interactive Catalog - BURNDY Full-Line Digital Catalog
Product Cross Section Image(s) - BUR_YAE10NM_LineArt
Sales Drawings - 50105268
Specifications - YAE10NM

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