

## TN186, Nylon Ring Terminal For 22 - 18 AWG

By Burndy  
Catalog # TN186



Nylon Ring Terminal For 22 - 18 AWG.

### Features

- Integral one-piece copper barrel / insulation grip and wire strain relief design for improved physical strength characteristics over a multi-piece design
- Manufactured of pure electrolytic copper for maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Brazed seam provides a stronger barrel design, minimizes any possible splitting and eliminates folding
- Deep inner barrel serrations and smooth funnel entry for excellent conductivity and pullout strength values along with the easy wire insertion
- Insulation is locked in place, will not twist off, maintaining proper dielectric values
- Electro-tin plated for durable, long lasting resistance to identification
- Ring tongue provides a secure termination under the screw head that cannot be removed without complete removal of the screw, allowing two or more terminals to be stacked on a common stud

### Application

For Heavy Duty Industrial, Utility And Military Power And Control-Circuit Applications

### General

|                                      |                      |
|--------------------------------------|----------------------|
| Catalog Number                       | TN186                |
| Color Code                           | Red                  |
| Connector Type                       | Ring Terminal        |
| EU RoHS Indicator                    | Yes                  |
| Feature - Barrel Style               | Shrouded             |
| 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 - Electro Plated |
| Sub Brand                            | INSULUG              |
| Trade Name                           | INSULUG™             |

|      |              |
|------|--------------|
| Type | Ring Tongue  |
| UPC  | 781810734742 |

### Dimensions

|                                   |          |
|-----------------------------------|----------|
| Cable Insulation Diameter Maximum | 0.12 in  |
| Dimension - Bolt Size fraction    | #4 - #6  |
| Dimension - L Length Overall mm   | 19 mm    |
| Dimension - Length Overall inch   | 0.76 in  |
| Dimension - Pad Width inch        | 0.25 in  |
| Dimension - Strip Length inch     | 7/32     |
| Dimension - Stud Size inch        | #4;#5;#6 |
| Dimension - Z (inch)              | 0.20 in  |

### Electrical Ratings

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

### Conductor Related

|                                     |  |
|-------------------------------------|--|
| Conductor - Copper Solid Size       | 20 ;18 AWG   |
| Conductor - Copper Solid Size Range | 20 -18 AWG   |
| Conductor - Copper Str Size         | 20 AWG;18 AWG  |
| Conductor - Copper Str Size Range   | 20 AWG - 18 AWG  |
| Conductor Range                     | #22 AWG to #18 AWG   |
| Conductor Size                      | 22 - 18 AWG  |
| Conductor Type                      | <ul style="list-style-type: none"> <li>• CU C Solid-Size</li> <li>• CU C Str-Size</li> </ul> |

### Certifications And Compliance

|                                    |       |
|------------------------------------|-------|
| Buy American Compliant             | Yes   |
| Certification - CSA Approved       | Yes   |
| Certification - ETL                | No    |
| Certification - UL Recognized      | No    |
| Certification - cULus              | No    |
| Industry Standard(s)               | UL486 |
| Standards - Industry Standards Met | UL486 |
| Standards - RoHS Compliance Status | CM    |
| UL Listed                          | Yes   |

## Logistics

|                       |       |
|-----------------------|-------|
| Carton Quantity       | 1200  |
| Minimum Pack Quantity | 100   |
| Pallet Quantity       | 99999 |

## 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\\_TN186\\_LineArt](#)  
[Sales Drawings - 50094155](#)  
[Specifications - TN186](#)



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