

## TN1838, Nylon Ring Terminal For 22 - 18 AWG

By Burndy  
Catalog # TN1838



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	TN1838
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	781810734865
UPC 14 Digit GTIN	00781810734865

### Dimensions

Cable Insulation Diameter Maximum	0.12 in
Dimension - Bolt Size fraction	3/8
Dimension - L Length Overall mm	30 mm
Dimension - Length Overall inch	1.17 in
Dimension - Pad Width inch	0.53 in
Dimension - Strip Length inch	7/32
Dimension - Stud Size inch	3/8
Dimension - Z (inch)	0.45 in

### Electrical Ratings

Voltage - Maximum	600 V
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### 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 America(n) Qualified	Contact Manufacturer
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 Terminals](#)  
[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 - TN1838](#)



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BRDY-TN1838-SPEC-EN | REV 7/2025