BURNDY®

YAEV18BOX, Nylon Ring Terminal For 22 - 18 AWG

By Burndy
Catalog # YAEV18BOX

Nylon Ring Terminal For 22 - 18 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 evironmental conditions
- Color Coded providing quick, easy wire size connector selection

Application

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

General

Catalog Number	YAEV18BOX
Color Code	Red
Connector Type	Ring Terminal
EU RoHS Indicator	Yes
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	INSULUG
Temperature Rating	105°C
Trade Name	INSULUG™
Type	YAEV, Heavy Duty
UPC	781810023334
UPC 14 Digit GTIN	00781810023334

Dimensions

Dimension - Bolt Size fraction	#8 - #10
Dimension - Hole Size fraction	1/5
Dimension - Hole Size inch	0.20 in
Dimension - L Length Overall mm	23 mm
Dimension - Length Overall inch	0.91 in
Dimension - N inch	0.16 in
Dimension - Pad Width inch	0.31 in
Dimension - Strip Length inch	1/4
Dimension - Stud Size inch	#8;#10
Dimension - Z (inch)	0.24 in

Electrical Ratings

Voltage - Maximum	600 V

Conductor Related

Conductor - Copper Solid Size	22 AWG;20 AWG;18 AWG
Conductor - Copper Solid Size Range	22 AWG-18 AWG
Conductor - Copper Str Aircraft Size	AN 22;AN 20;AN 18
Conductor - Copper Str Aircraft Size Range	AN 22-AN 18
Conductor - Copper Str Navy Size	1 (1);1 (7);1 (10);1 1/2 (1);1 1/2 (7);1 1/2 (16);1 1/2 (41);2 (7)
Conductor - Copper Str Size	22 AWG;20 AWG;18 AWG
Conductor - Copper Str Size Range	22 AWG - 18 AWG
Conductor Size	22 - 18 AWG
Conductor Type	- CU C Str Aircraft-Size - CU C Str-Size

Certifications And Compliance

Buy America(n) Qualified	TAA Compliant (All status valid till December 2024)
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	- UL486 - Military Specified (Mil-Spec)
Standards - Industry Standards Met	UL486;Military Specified (Mil-Spec)
Standards - RoHS Compliance Status	CM
UL Listed	No

Logistics

Carton Quantity	100
Minimum Pack Quantity	100

Product Assets

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_YAEV10BOX_LineArt
Sales Drawings - 50094163
Specifications - YAEV18BOX

A Hubbell brand