



YAES14K53, Radiation Resistant Insulated Ring Terminal For 16 - 14 AWG

By Burndy
Catalog # [YAES14K53](#)



Radiation Resistant Insulated Ring Terminal For 16 - 14 AWG

Features

- Insulation provides 200 megarad radiation resistance plus successfully tested for insulation compatibility
- An integral one-piece copper barrel/insulation grip and wire strain relief design provides improved physical strength characteristics over a multi-piece design
- The insulation is locked in place and will not move or twist off, thereby maintains proper dielectric values
- Manufactured from pure electrolytic copper to provide maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Bright tin-plated per MIL-T-10727 for durable long-lasting resistance to corrosion
- Deep inner barrel serrations provides excellent electrical conductivity and tensile strength values
- Brazed seam gives a stronger barrel design to minimize any possible splitting and eliminates folding
- Smooth funnel entry for easy wire insertion
- Color coded terminals provides easy wire size identification and inspection
- Coded raised dots in the die area of the connection after compression for visual identification that the correct tool and die were used for proper installation
- Inspection hole gives an additional visual check to ensure proper wire insertion
- Ring tongue design provides a secure termination under screw head that cannot be removed without the complete removal of the screw
- Multiple terminals may be stacked on a common stud easily providing flexibility and versatility

Application

For Class 1E Critical Circuits And Non-Critical Nuclear Associated Applications

Specifications

Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Contact Manufacturer
Certification - UL Recognized	No
Industry Standard(s)	IEEE 323
Buy America(n) Qualified	Contact Manufacturer
Certification - ETL	No
Standards - Industry Standards Met	IEEE 323

Standards - RoHS Compliance Status	CM
Certification - CSA Approved	No
UL Listed	No

Conductor

Conductor - Copper Str Size	• 16 AWG • 14 AWG
Conductor - Copper Solid Size	• 16 AWG • 15 AWG • 14 AWG
Conductor - Copper Solid Size Range	16 AWG-14 AWG
Conductor Size	16 - 14 AWG
Conductor - Copper Str Size Range	16 AWG - 14 AWG
Conductor Type	• CU C Str-Size • CU C Solid-Size

Configuration

Physical Attribute - Number of Holes	1
Connector Type	Ring Terminal

Current

Voltage - Maximum	600 V
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Dimensions

Package Length	0.000 in
Package Width	0.000 in
Package Weight	0.000 lb.
Dimension - L Length Overall mm	23 mm
Dimension - Pad Width inch	0.32 in
Package Height	0.000 in
Dimension - Hole Size fraction	8/47
Dimension - Hole Size inch	0.17 in
Dimension - Strip Length inch	7/32 in
Dimension - Stud Size inch	#8
Dimension - Z inch	0.29 in
Dimension - Bolt Size fraction	#8
Dimension - Length Overall inch	0.91 in

General

Insulation Type	Radiation Resistant	UPC 14 Digit GTIN	00781810026984
Trade Name	INSULUG™	Material	Copper
Insulation	Y	Plating Type	Tin
Sub Brand	INSULUG	UPC	781810026984
Color Code	Blue		
Physical Attribute - Tongue	Ring	Logistics	
Type		Minimum Pack Quantity	1000
Plated	Y	Carton Quantity	1000
Feature - Barrel Style	Belled	Pallet Quantity	99999
Type	Radiation Resistant KYNAR		
	Ring Tongue	Product Assets	
UPC 12 Digit	781810026984	Catalog [English]	



A Hubbell brand