



# Radiation Resistant Insulated Ring Terminal For 22 - 18 AWG

By Burndy  
Catalog # [YAES18K2](#)



Radiation Resistant Insulated Ring Terminal For 22 - 18 AWG.

## Application

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

## General

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| Color Code                           | Red                                   |
| Connector Type                       | Ring Terminal                         |
| EU RoHS Indicator                    | Yes                                   |
| Feature - Barrel Style               | Belled                                |
| Insulation                           | Y                                     |
| Insulation Type                      | Radiation Resistant                   |
| Material                             | Copper                                |
| Physical Attribute - Number of Holes | 1                                     |
| Physical Attribute - Tongue Type     | Ring                                  |
| Plated                               | Y                                     |
| Plating Type                         | Tin                                   |
| Sub Brand                            | INSULUG                               |
| Trade Name                           | INSULUG™                              |
| Type                                 | Radiation Resistant KYNAR Ring Tongue |
| UPC                                  | 781810027004                          |
| UPC 12 Digit                         | 7818100270044                         |

## Dimensions

|                                 |         |
|---------------------------------|---------|
| Dimension - Bolt Size fraction  | #6      |
| Dimension - Hole Size fraction  | 3/20    |
| Dimension - Hole Size inch      | 0.15 in |
| Dimension - L Length Overall mm | 22 mm   |
| Dimension - Length Overall inch | 0.87 in |
| Dimension - Pad Width inch      | 0.25 in |
| Dimension - Strip Length inch   | 7/32 in |
| Dimension - Stud Size inch      | #6      |
| Dimension - Z (inch)            | 0.29 in |

## Electrical Ratings

Voltage - Maximum 600 V

## Conductor Related

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

## Certifications And Compliance

|                                    |    |
|------------------------------------|----|
| Certification - CSA Approved       | No |
| Certification - ETL                | No |
| Certification - UL Recognized      | No |
| Certification - cULus              | No |
| Standards - RoHS Compliance Status | CM |
| UL Listed                          | No |

## Logistics

|                       |       |
|-----------------------|-------|
| Carton Quantity       | 1000  |
| Minimum Pack Quantity | 1000  |
| Pallet Quantity       | 99999 |

## Product Assets

[Catalogs - Full Line BURNDY Catalog](#)  
[Customer Notices - Prop 65 Notice](#)  
[Product Cross Section Image\(s\) - BUR\\_YAES14K7\\_LineArt](#)  
[Sales Drawings - 50094159](#)



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