



## YA342N, 500 kcmil, CU, 2 Hole, 1/2 Stud, 1-3/4 Spacing, Long Barrel

By Burndy  
Catalog # [YA342N](#)

500 kcmil, CU, 2 Hole, 1/2 Stud, 1-3/4 IN Spacing, Long Barrel



### Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Long barrel length allows for an increased number of crimps increasing the mechanical strength of the connection
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- 2-Hole design prevents rotation

### Application

Wire Termination

### Specifications

|                                    |               |
|------------------------------------|---------------|
| Buy American Compliant             | No            |
| Certification - cULus              | No            |
| EU RoHS Indicator                  | Yes           |
| Certification - UL Recognized      | No            |
| Industry Standard(s)               | UL 486A-486B  |
| Certification - ETL                | No            |
| Standards - Industry Standards Met | UL486A-UL486B |
| Standards - RoHS Compliance Status | CM            |
| Certification - CSA Approved       | Yes           |
| UL Listed                          | Yes           |

### Conductor

|                                   |           |
|-----------------------------------|-----------|
| Conductor - Material              | COPPER    |
| Conductor - Copper Str Size       | 500 KCMIL |
| Conductor - Copper DLO Size Range | N/A       |
| Conductor Size                    | 500 KCMIL |
| Conductor - Copper Str Size Range | 500 kcmil |
| Conductor Type                    | CODE      |

### Configuration

|                                      |             |
|--------------------------------------|-------------|
| Physical Attribute - Number of Holes | 2           |
| Connector Type                       | LONG BARREL |

### Current

|                   |       |
|-------------------|-------|
| Voltage - Maximum | 35000 |
| Voltage Rating    | 35 kV |

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Package Weight                    | 0.000 lb. |
| Dimension - Outside Diameter inch | 1.06 in   |
| Dimension - L Length Overall mm   | 154 mm    |
| Dimension - Pad Width inch        | 1.55 in   |
| Package Height                    | 0.000 in  |
| Dimension - Hole Size fraction    | 1/2       |
| Dimension - Hole Size inch        | 0.56      |
| Dimension - Hole Size mm          | 14 mm     |
| Dimension - Strip Length inch     | 2-5/16    |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Stud Size inch        | 1/2       |
| Dimension - B Length fraction     | 2-1/4 in  |
| Dimension - B Length inch         | 2.25 in   |
| Dimension - Z inch                | 0.64 in   |
| Physical Attribute - Tongue Angle | Straight  |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Dimension - Bolt Size inch        | 0.5       |
| Dimension - Length Overall inch   | 6.06 in   |
| Dimension - N inch                | 0.63 in   |

### General

|                                  |                         |
|----------------------------------|-------------------------|
| Die Index                        | 20                      |
| Trade Name                       | HYLUG™                  |
| Sub Brand                        | HYLUG                   |
| Color Code                       | Brown                   |
| Physical Attribute - Tongue Type | Standard                |
| Plated                           | Y                       |
| Feature - Barrel Type            | Long                    |
| Feature - Barrel Style           | Chamfered               |
| Type                             | Long Barrel, Tin Plated |
| UPC 12 Digit                     | 781810506059            |
| UPC 14 Digit GTIN                | 00781810506059          |
| Material                         | COPPER                  |
| Plating Type                     | Tin                     |

Finish Type  
UPC

Tin-Plated  
781810506059

Pallet Quantity

1728

### Logistics

Minimum Pack Quantity 6  
Carton Quantity 54

### Product Assets

[Catalog \[English\]](#)  
[Installation Manual \[English\]](#)  
[Installation Manual \[French, English\]](#)



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