



## YA3C45, 3 AWG Cu, 1-Hole, 5/16" Stud, Long, 45 Degree

By Burndy  
Catalog # [YA3C45](#)

3 AWG, Cu, 1-Hole, 5/16" Stud, Long Barrel, Tin Plated, 45 Degree  
Angle Pad, White / 9 Index



### 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

### Application

Wire Termination

### Specifications

|                                    |              |
|------------------------------------|--------------|
| Certification - ETL                | No           |
| Certification - UL Recognized      | No           |
| Standards - Industry Standards Met | UL 486A-486B |
| Standards - RoHS Compliance        | CM           |
| Status                             |              |
| Certification - cULus              | No           |
| Industry Standard(s)               | UL 486A-486B |
| UL Listed                          | Yes          |
| Certification - CSA Approved       | Yes          |

### Conductor

|                                   |              |
|-----------------------------------|--------------|
| Conductor Size                    | 3 AWG        |
| Conductor - Copper Str Navy Size  | 50 (19) Navy |
| Conductor - Material              | COPPER       |
| Conductor Type                    | CODE         |
| Conductor - Copper Str Size Range | 3 AWG        |
| Conductor - Copper Str Size       | 3 AWG        |

### Configuration

|                                      |             |
|--------------------------------------|-------------|
| Physical Attribute - Number of Holes | 1           |
| Number of Pad Holes                  | 1           |
| Connector Type                       | LONG BARREL |

### Current

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

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 0.55 in   |
| Dimension - Bolt Hole Size inch   | 0.33 in   |
| Package Height                    | 0.000 in  |
| Dimension - Hole Size fraction    | 5/16      |
| Dimension - Bolt Size fraction    | 5/16      |
| Physical Attribute - Tongue Angle | 45 Degree |
| Dimension - Height inch           | 1.40 in   |
| Angle - Pad                       | 45 °      |
| Dimension - B Length fraction     | 1-1/4 in  |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - Z inch                | 0.36 in   |
| Dimension - L Length Overall mm   | 52 mm     |
| Dimension - B Length inch         | 1.25 in   |
| Dimension - Outside Diameter inch | 0.38 in   |
| Dimension - N inch                | 0.34 in   |
| Dimension - Hole Size mm          | 10 mm     |
| Dimension - Bolt Size inch        | 0.3125    |
| Dimension - Hole Size inch        | 0.38      |
| Dimension - Length Overall inch   | 2.05 in   |
| Dimension - Strip Length inch     | 1-5/16    |
| Dimension - Stud Size fraction    | 5/16      |

### General

|                        |                         |
|------------------------|-------------------------|
| Feature - Barrel Type  | Long                    |
| Feature - Barrel Style | Chamfered               |
| Plated                 | Y                       |
| Color Code             | White                   |
| Trade Name             | HYLUG™                  |
| Die Index              | 9                       |
| UPC                    | 781810316047            |
| Type                   | Long Barrel, Tin Plated |
| Material               | Copper                  |
| Plating Type           | Tin                     |
| Finish Type            | Tin-Plated              |
| UPC 14 Digit GTIN      | 00781810316047          |

### Logistics

|                       |    |
|-----------------------|----|
| Minimum Pack Quantity | 25 |
|-----------------------|----|



A Hubbell brand