



## YA27L445, Comp. Term., Cu, 1-Hole, Standard, 45 Deg Angle

By Burndy  
Catalog # [YA27L445](#)

Copper Compression Terminal, 3/0 AWG Cu, 1-Hole, 3/8" Stud, Standard Barrel, 45 Degree Pad Angle, Tin Plated



### Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Standard barrel length is recommended for installations with limited space availability
- 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

### Application

Wire Termination

### Specifications

|                                    |              |
|------------------------------------|--------------|
| Certification - UL Recognized      | No           |
| Certification - cULus              | No           |
| Industry Standard(s)               | UL 486A-486B |
| Certification - ETL                | No           |
| Standards - Industry Standards Met | UL467        |
| Standards - RoHS Compliance Status | CM           |
| UL Listed                          | Yes          |
| Certification - CSA Approved       | Yes          |

### Conductor

|                                        |               |
|----------------------------------------|---------------|
| Conductor - Material                   | COPPER        |
| Conductor - Copper Str Size            | 3/0 AWG       |
| Conductor - Copper DLO Size Range      | N/A           |
| Conductor Size                         | 3/0 AWG       |
| Conductor - Copper Str Navy Size Range | 150 (61) Navy |
| Conductor - Copper Str Navy Size       | 150 (61) Navy |
| Conductor Type                         | CODE          |
| Conductor - Copper Str Size Range      | 3/0 AWG       |

### Configuration

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

### Current

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

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 0.91 in   |
| Package Height                    | 0.000 in  |
| Dimension - Hole Size fraction    | 3/8       |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 55 mm     |
| Dimension - Outside Diameter inch | 0.62 in   |
| Dimension - Hole Size mm          | 10.4 mm   |
| Dimension - Hole Size inch        | 0.41      |
| Dimension - Strip Length inch     | 1-1/16    |
| Dimension - Stud Size inch        | 3/8       |
| Dimension - Stud Size fraction    | 3/8       |
| Dimension - Bolt Hole Size inch   | 0.39 in   |
| Dimension - Bolt Size fraction    | 3/8       |
| Physical Attribute - Tongue Angle | 45 Degree |
| Angle - Pad                       | 45 °      |
| Dimension - B Length fraction     | 1 in      |
| Dimension - Z inch                | 0.42 in   |
| Dimension - B Length inch         | 1.00 in   |
| Dimension - D inch                | 0.83 in   |
| Dimension - N inch                | 0.41 in   |
| Dimension - Bolt Size inch        | 0.38      |
| Dimension - Length Overall inch   | 2.16 in   |

### General

|                        |                             |
|------------------------|-----------------------------|
| Trade Name             | HYLUG™                      |
| Die Index              | 14                          |
| Feature - Barrel Type  | Standard                    |
| Feature - Barrel Style | Chamfered                   |
| Plated                 | Y                           |
| Color Code             | Orange                      |
| UPC                    | 781810055540                |
| Type                   | Standard Barrel, Tin Plated |
| Material               | Copper                      |
| Plating Type           | Tin - Electro Plated        |

|                   |                |                 |       |
|-------------------|----------------|-----------------|-------|
| Finish Type       | Tin-Plated     | Pallet Quantity | 23200 |
| UPC 14 Digit GTIN | 00781810055540 | Carton Quantity | 50    |

Logistics

Minimum Pack Quantity10



A Hubbell brand

Product Assets

[Catalog \[English\]](#)