



## YA36A8, Al Compression, 1-Hole, 1/2" Stud, AL9CU

By Burndy  
Catalog # [YA36A8](#)

600 kcmil, AL, 1-Hole, 1/2" Stud, AL9CU, Prefilled with oxide inhibitor, End Cap, Tin Plated



### Features

- UL486A-486B Listed and CSA Certified
- Aluminum terminals are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector - AL9CU is UL Listed 90°C, up to 35kV, AL7CU is UL Listed 75°C, up to 35kV
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damage of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in a connection, it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection

### Application

Wire Termination

### Specifications

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

### Conductor

|                               |                   |
|-------------------------------|-------------------|
| Conductor - Material          | ALUMINUM / COPPER |
| Wire Size                     | 600 KCMIL         |
| Conductor - AL Str Size       | 600 KCMIL         |
| Conductor - AL Str Size Range | 600 kcmil         |
| Conductor - Copper Str Size   | 600 KCMIL         |

|                                   |           |
|-----------------------------------|-----------|
| Conductor Size                    | 600 KCMIL |
| Conductor Type                    | CODE      |
| Conductor - Copper Str Size Range | 600 kcmil |

### Configuration

|                                      |            |
|--------------------------------------|------------|
| Number of Holes                      | 1          |
| Physical Attribute - Number of Holes | 1          |
| Number of Pad Holes                  | 1          |
| Connector Type                       | DUAL RATED |

### Current

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

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 1.97 in   |
| Package Height                    | 0.000 in  |
| Dimension - Hole Size fraction    | 1/2       |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 143 mm    |
| Dimension - Outside Diameter inch | 1.44 in   |
| Dimension - Hole Size inch        | 0.56      |
| Dimension - Bolt Hole Size inch   | 1/2       |
| Dimension - Bolt Size fraction    | 1/2       |
| Physical Attribute - Tongue Angle | Straight  |
| Dimension - B Length fraction     | 2-1/2 in  |
| Dimension - Z inch                | 1.00 in   |
| Dimension - B Length inch         | 2.47 in   |
| Dimension - D inch                | 1.69 in   |
| Dimension - N inch                | 0.69 in   |
| Dimension - Bolt Size inch        | 0.56      |
| Dimension - Length Overall inch   | 5.64 in   |

### General

|                       |          |
|-----------------------|----------|
| Trade Name            | HYLUG™   |
| Die Index             | 473      |
| Feature - Barrel Type | Standard |

|                             |                      |
|-----------------------------|----------------------|
| Feature - Barrel Style      | Chamfered            |
| Plated                      | Y                    |
| Color Code                  | Black                |
| Physical Attribute - Tongue | Standard             |
| Type                        |                      |
| Sub Brand                   | HYLUG                |
| UPC                         | 781810129555         |
| Type                        | YA-A                 |
| Material                    | Aluminum             |
| Plating Type                | Tin - Electro Plated |
| Finish Type                 | Electro Tin plated   |
| UPC 12 Digit                | 781810129555         |
| UPC 14 Digit GTIN           | 00781810129555       |

|                       |    |
|-----------------------|----|
| <b>Logistics</b>      |    |
| Minimum Pack Quantity | 2  |
| Pallet Quantity       | 1  |
| Carton Quantity       | 16 |

|                    |     |
|--------------------|-----|
| <b>Operational</b> |     |
| Temperature Rating | 194 |

|                                                          |  |
|----------------------------------------------------------|--|
| <b>Product Assets</b>                                    |  |
| <a href="#">Catalog [English]</a>                        |  |
| <a href="#">Installation Manual [English]</a>            |  |
| <del><a href="#">Installation Manual [English]</a></del> |  |

