



## YA34A3DT, 500 kcmil AL, 2-Hole NEMA, Soldered Seam

By Burndy

Catalog # [YA34A3DT](#)

500 kcmil, AL, 2 Hole, 1/2" Stud 1-3/4" Hole Spacing, AL9CU, Solder Seam



### 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           |
| Certification - cULus              | No           |
| 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       | No           |

### Conductor

|                               |                   |
|-------------------------------|-------------------|
| Conductor - Material          | ALUMINUM / COPPER |
| Wire Size                     | 500 KCMIL         |
| Conductor - AL Str Size       | 500 KCMIL         |
| Conductor - AL Str Size Range | 500 kcmil         |
| Conductor - Copper Str Size   | 500 KCMIL         |
| Conductor Size                | 500 KCMIL         |
| Conductor Type                | CODE              |

|                                   |           |
|-----------------------------------|-----------|
| Conductor - Copper Str Size Range | 500 kcmil |
|-----------------------------------|-----------|

### Configuration

|                                      |            |
|--------------------------------------|------------|
| Physical Attribute - Number of Holes | 2          |
| Number of Pad Holes                  | 2          |
| Connector Type                       | DUAL RATED |

### Current

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

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 1.62 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   | 173 mm    |
| Dimension - Outside Diameter inch | 1.31 in   |
| Dimension - Thread Size           | 1/2       |
| Dimension - Hole Size mm          | 14 mm     |
| Dimension - Hole Size inch        | 0.56      |
| Dimension - Strip Length inch     | 2 5/8     |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Physical Attribute - Tongue Angle | Straight  |
| Dimension - B Length fraction     | 2-5/16 in |
| Dimension - Z inch                | 0.77 in   |
| Dimension - B Length inch         | 2.34 in   |
| Dimension - D inch                | 3.15 in   |
| Dimension - N inch                | 0.63 in   |
| Dimension - Bolt Size inch        | 0.5       |
| Dimension - Length Overall inch   | 6.80 in   |

### General

|            |        |
|------------|--------|
| Trade Name | HYLUG™ |
| Die Index  | 300    |

|                                  |                      |
|----------------------------------|----------------------|
| Feature - Barrel Type            | Long                 |
| Feature - Barrel Style           | Chamfered            |
| Plated                           | Y                    |
| Color Code                       | Pink                 |
| Physical Attribute - Tongue Type | Standard             |
| UPC                              | 781810268384         |
| Material                         | Aluminum             |
| Plating Type                     | Tin - Electro Plated |
| Finish Type                      | Tin-Plated           |
| UPC 12 Digit                     | 781810268384         |
| UPC 14 Digit GTIN                | 00781810268384       |

Logistics

|                       |   |
|-----------------------|---|
| Minimum Pack Quantity | 1 |
| Carton Quantity       | 3 |

Operational

|                    |     |
|--------------------|-----|
| Temperature Rating | 194 |
|--------------------|-----|

Product Assets

- [Catalog \[English\]](#)
- [Installation Manual \[English\]](#)
- [Installation Manual \[English\]](#)



A Hubbell brand