



YA31A5, 350 kcmil AL, 2-Hole, 3/8" Stud, 1" Spacing

By Burndy
Catalog # [YA31A5](#)

350 kcmil, AL, 2-Hole, 3/8" Stud, 1" Hole Spacing, AL9CU, Pre-filled 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	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Contact Manufacturer
Buy America(n) Qualified	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	350 KCMIL
Conductor - AL Str Size	350 KCMIL
Conductor - AL Str Size Range	350 kcmil



Conductor - Copper Str Size	350 KCMIL
Conductor Size	350 KCMIL
Conductor Type	CODE
Conductor - Copper Str Size Range	350 kcmil

Configuration

Number of Holes	2
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	1.52 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	123 mm
Dimension - Outside Diameter inch	1.11 in
Dimension - Thread Size	3/8
Dimension - Hole Size mm	10.4 mm
Dimension - Hole Size inch	0.41
Dimension - Strip Length inch	2 1/8
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	Straight
Dimension - B Length fraction	1-7/8 in
Dimension - Z inch	0.45 in
Dimension - B Length inch	1.85 in
Dimension - D inch	1.89 in
Dimension - N inch	0.44 in
Dimension - Bolt Size inch	0.38
Dimension - Length Overall inch	4.85 in

General

Trade Name	HYLUG™
Die Index	299
Feature - Barrel Type	Standard
Feature - Barrel Style	Chamfered
Plated	Y
Color Code	Brown
Physical Attribute - Tongue Type	Standard
Sub Brand	HYLUG
UPC	781810023488
Type	YA-A
Material	Aluminum
Plating Type	Tin - Electro Plated
Finish Type	Electro Tin plated

UPC 12 Digit	781810023488
UPC 14 Digit GTIN	00781810023488

Logistics

Minimum Pack Quantity	10
Pallet Quantity	5040
Carton Quantity	10

Operational

Temperature Rating	194
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Product Assets

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



A Hubbell brand