



YA34A5, Compression Terminal, 500 kcmil AL, 2-Hole, 3/8" Stud, 1" Spacing

By Burndy
Catalog # [YA34A5](#)

AL Terminal, AL9CU, Internal Chamfer, Tin Plated, Prefilled
PENETROX™ A13, End Cap, UL/CSA, 90°C, Up to 35kV, Color
Code, Die Index.

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

General

Catalog Number	YA34A5
Color Code	Pink
Connector Type	DUAL RATED
Die Index	300
EU RoHS Indicator	Contact Manufacturer
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Finish Type	Electro Tin plated
Material	ALUMINUM
Number of Holes	2
Physical Attribute - Number of Holes	2
Physical Attribute - Tongue Type	Standard
Plated	Y



Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	YA-A
UPC	781810023495
UPC 12 Digit	7818100234955

Dimensions

Dimension - B Length fraction	2-5/16 in
Dimension - B Length inch	2.34 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Dimension - Bolt Size inch	0.38
Dimension - D inch	1.89 in
Dimension - Hole Size fraction	3/8
Dimension - Hole Size inch	0.41
Dimension - Hole Size mm	10.4 mm
Dimension - L Length Overall mm	141 mm
Dimension - Length Overall inch	5.54 in
Dimension - N inch	0.44 in
Dimension - Outside Diameter inch	1.32 in
Dimension - Pad Width inch	1.80 in
Dimension - Strip Length inch	2 5/8
Dimension - Stud Size fraction	3/8
Dimension - Stud Size inch	3/8
Dimension - Thread Size	3/8
Dimension - Z (inch)	0.45 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - AL Str Size	500 KCMIL
Conductor - AL Str Size Range	500 kcmil

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

Certifications And Compliance

Buy American Compliant	Contact Manufacturer
Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards	UL 486A-486B
Met	

Standards - RoHS Compliance	CM
Status	
UL Listed	Yes

Logistics

Carton Quantity	6
Minimum Pack Quantity	6

Product Assets

- Catalogs - BURNDY Master Catalog - Section C - Compression Connections
- Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
- Customer Notices - Prop 65 Notice
- Installation Manuals - Aluminum Installation Instructions
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Sales Drawings - SD073935-01
- Specifications - YA34A5