



# YA34A1, 500 kcmil, Aluminum, 1 Hole, 5/8 Stud, AL9CU

By Burndy  
Catalog # [YA34A1](#)

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



## Application

Wire Termination

## General

Color Code	Pink
Connector Type	DUAL RATED
Die Index	300
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	ALUMINUM
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	YA-A, Dual Rated
UPC	781810756058
UPC 12 Digit	7818107560588

## Dimensions

Dimension - B Length fraction	2-5/16 in
Dimension - B Length inch	2.34 in
Dimension - Bolt Hole Size inch	0.66 in
Dimension - Bolt Size fraction	5/8
Dimension - Bolt Size inch	0.63
Dimension - D inch	1.91 in
Dimension - Hole Size fraction	5/8
Dimension - Hole Size inch	0.69
Dimension - Hole Size mm	17.5 mm
Dimension - L Length Overall mm	141 mm
Dimension - Length Overall inch	5.56 in
Dimension - N inch	0.88 in
Dimension - Outside Diameter inch	1.32 in
Dimension - Pad Width inch	1.80 in
Dimension - Strip Length inch	2 5/8
Dimension - Strip Length mm	71.1 mm

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

## Certifications and Compliance

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

## Logistics

Carton Quantity	3
Minimum Pack Quantity	1

## Product Assets

[3D Models - YA34A1\\_MODEL-IGES](#)  
[3D Models - YA34A1\\_MODEL-PDF](#)  
[3D Models - YA34A1\\_MODEL-STEP](#)  
[Catalogs - Full Line BURNDY Catalog](#)  
[Customer Notices - Prop 65 Notice](#)  
[Installation Manuals - Aluminum Installation Instructions](#)  
[Sales Drawings - SD073935-01](#)

Dimension - Stud Size fraction 5/8  
Dimension - Stud Size inch 5/8  
Dimension - Thread Size 5/8 in  
Dimension - Z inch 1.03 in  
Physical Attribute - Tongue Straight  
Angle



**A proud member of the Hubbell Family.**

©2023 Hubbell Incorporated. All rights reserved.  
BRDY-YA34A1-SPEC-EN | REV 8/2023