YA39A5UG, Al Compression, 2-Hole, 1/2″ Stud, 1-3/4″ Spacing, AL9CU, 750 kcmil

By Burndy
Catalog # YA39A5UG

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
- 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	YA39A5UG
Color Code	Yellow
Connector Type	LONG BARREL
Die Index	936
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Sub Brand	TERMINALS, HYLUG
UPC	750931314485

Dimensions

Dimension - B Length fraction	2-7/16 in
Dimension - B Length inch	2.46 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5
Dimension - D inch	3.15 in
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14 mm
Dimension - L Length Overall mm	180 mm
Dimension - Length Overall inch	7.07 in
Dimension - N inch	0.63 in
Dimension - Outside Diameter inch	1.46 in
Dimension - Pad Width inch	1.62 in

Conductor Related

Conductor - AL Str Size	700 KCMIL-750 KCMIL
Conductor - AL Str Size Range	700 kcmil - 750 kcmil
Conductor - Copper Str Size	700 KCMIL;750 KCMIL
Conductor - Copper Str Size Range	700 kcmil - 750 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	700 KCMIL;750 KCMIL
Conductor Type	CODE

Certifications And Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No

Product Assets

Sales Drawings - Sales Drawing