YA34A3UG, 500 kcmil, Aluminum, 2 Hole, 1/2 Stud, 1-3/4 Spacing, AL9CU



By Burndy
Catalog # YA34A3UG

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

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
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- 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

Specifications

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

Conductor

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

Configuration

Physical Attribute - Number of Holes	2
Connector Type	LONG BARREL

Current

Voltage Rating	35 kV
Voltage - Maximum	35000

Dimensions

Dimension - Pad Width inch	1.62 in
Dimension - Bolt Hole Size inch	0.52 in
Package Height	0.000 in
Dimension - Hole Size fraction	1/2
Dimension - Bolt Size fraction	1/2
Physical Attribute - Tongue Angle	Straight
Dimension - B Length fraction	2-5/16 in
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - Z inch	0.77 in
Dimension - L Length Overall mm	173 mm
Dimension - B Length inch	2.34 in
Dimension - Outside Diameter inch	1.32 in
Dimension - D inch	3.15 in
Dimension - N inch	0.63 in
Dimension - Thread Size	1/2
Dimension - Hole Size mm	14 mm
Dimension - Bolt Size inch	0.5
Dimension - Hole Size inch	0.56
Dimension - Length Overall inch	6.80 in
Dimension - Strip Length inch	2 5/8
Dimension - Stud Size inch	1/2
Dimension - Stud Size fraction	1/2

General

Feature - Barrel Type	Standard
Feature - Barrel Style	Chamfered
Plated	Y
Color Code	Pink
Trade Name	HYLUG™

Physical Attribute - Tongue Type	Standard
Sub Brand	TERMINALS, HYLUG
Die Index	300
UPC	750931281947
Material	ALUMINUM
Plating Type	Bright Tin Plate

Logistics

Pallet Quantity	1350
Carton Quantity	30

Operational

Temperature Rating	194

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