



YA412N, 850 kcmil Cu, 2-Hole NEMA, Long Barrel

By Burndy
Catalog # [YA412N](#)

850 kcmil, Cu, 2-Hole, 1/2" Stud, 1.75" Spacing, Long Barrel, Tin Plated, Gold / 26 Index



Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Long barrel length allows for an increased number of crimps increasing the mechanical strength of the connection
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- 2-Hole design prevents rotation

Application

Wire Termination

Specifications

Certification - UL Recognized	No
Certification - cULus	No
Buy America(n) Qualified	BABA Compliant (All status valid till December 2026)
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	COPPER
Conductor - Copper Str Size	850 KCMIL
Conductor Size	850 KCMIL
Conductor Type	CODE
Conductor - Copper Str Size Range	850 kcmil

Configuration

Physical Attribute - Number of Holes	2
Number of Pad Holes	2
Connector Type	LONG BARREL

Current

Voltage Rating	35 kV
Voltage - Maximum	35000

Dimensions

Dimension - Pad Width inch	2.01 in
Package Height	0.000 in
Dimension - Hole Size fraction	1/2
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - L Length Overall mm	174 mm
Dimension - Outside Diameter inch	1.38 in
Dimension - Thread Size	1/2
Dimension - Hole Size mm	14 mm
Dimension - Hole Size inch	0.56
Thickness - Pad	0.31 in
Dimension - Strip Length inch	3
Dimension - Stud Size inch	1/2
Dimension - Stud Size fraction	1/2
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Physical Attribute - Tongue Angle	Straight
Dimension - B Length fraction	2-15/16 in
Dimension - Z inch	0.64 in
Dimension - B Length inch	2.94 in
Dimension - N inch	0.63 in
Dimension - Bolt Size inch	0.5
Dimension - Length Overall inch	6.85 in

General

Trade Name	HYLUG™
Die Index	26
Feature - Barrel Type	Long
Feature - Barrel Style	Chamfered
Plated	Y
Color Code	Gold
UPC	781810183908
Type	Long Barrel, Tin Plated
Material	Copper
Plating Type	Tin
Finish Type	Tin-Plated
UPC 12 Digit	781810183908

