



YA342N45, 500 kcmil Cu, 2-Hole NEMA, Long Barrel, 45 Degree

By Burndy
Catalog # [YA342N45](#)

500 kcmil Cu, 2-Hole, 1/2" Stud, 1.75" Spacing, Long Barrel, Tin Plated, 45 Degree Angle Pad, Brown / 20 or 299 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
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	500 KCMIL
Conductor - Copper DLO Size Range	N/A
Conductor Size	500 KCMIL
Conductor Type	CODE
Conductor - Copper Str Size Range	500 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	1.55 in
Package Height	0.000 in
Dimension - Hole Size fraction	1/2
Dimension - Height inch	2.97 in
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - L Length Overall mm	145 mm
Dimension - Outside Diameter inch	1.06 in
Dimension - Hole Size mm	14 mm
Dimension - Hole Size inch	0.56
Dimension - Strip Length inch	2-5/16
Dimension - Stud Size fraction	1/2
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Physical Attribute - Tongue Angle	45 Degree
Angle - Pad	45 °
Dimension - B Length fraction	2-1/4 in
Dimension - Z inch	0.64 in
Dimension - B Length inch	2.25 in
Dimension - N inch	0.63 in
Dimension - Bolt Size inch	0.5
Dimension - Length Overall inch	5.72 in

General

Trade Name	HYLUG™
Die Index	20
Feature - Barrel Type	Long
Feature - Barrel Style	Chamfered
Plated	Y
Color Code	Brown
UPC	781810035610
Type	Long Barrel, Tin Plated
Material	Copper
Plating Type	Tin - Electro Plated
Finish Type	Tin-Plated
UPC 12 Digit	781810035610
UPC 14 Digit GTIN	00781810035610

Logistics

Minimum Pack Quantity	6
Pallet Quantity	2784

Carton Quantity

6

Product Assets

[Catalog \[English\]](#)



A Hubbell brand