

YA6CN45, 6 AWG Cu, 1/2" Stud, Long Barrel, 45 Degree

By Burndy

Catalog # [YA6CN45](#)

6 AWG, CU, 1 Hole, 1/2 Stud, Long Barrel, 45 Degree



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

Application

Wire Termination

Specifications

Standards - RoHS Compliance	CM
Status	
Industry Standard(s)	UL 486A-486B
UL Listed	Yes

Conductor

Conductor Size	6 AWG
Conductor - Material	COPPER
Conductor Type	CODE
Conductor - Copper Str Size	6 AWG
Range	
Conductor - Copper Str Size	6 AWG

Configuration

Physical Attribute - Number of Holes	1
Number of Pad Holes	1
Connector Type	LONG BARREL

Current

Voltage Rating	35 kV
Voltage - Maximum	35000

Dimensions

Dimension - Pad Width inch	0.83 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Hole Size fraction	1/2
Dimension - Bolt Size fraction	1/2

Physical Attribute - Tongue Angle	45 Degree
Dimension - Height inch	1.20 in
Angle - Pad	45 °
Dimension - Z inch	0.64 in
Dimension - L Length Overall mm	64 mm
Dimension - B Length inch	1.12 in
Dimension - Outside Diameter inch	0.29 in
Dimension - D inch	1.27 in
Dimension - N inch	0.63 in
Dimension - Hole Size mm	14 mm
Dimension - Bolt Size inch	0.5
Dimension - Hole Size inch	0.56
Dimension - Length Overall inch	2.53 in
Dimension - Strip Length inch	1-3/16
Dimension - Stud Size fraction	1/2

General

Feature - Barrel Type	Long
Feature - Barrel Style	Chamfered
Plated	Y
Color Code	Blue
Trade Name	HYLUG™
Die Index	7
UPC	781810317624
Type	Long Barrel, Tin Plated
Material	Copper
Plating Type	Tin - Electro Plated
Finish Type	Tin-Plated
UPC 12 Digit	781810317624
UPC 14 Digit GTIN	00781810317624

Logistics

Minimum Pack Quantity	1
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Operational

Temperature Rating	194
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Product Assets

[Catalog \[English\]](#)