



YA3CTC3845, Compression Terminal, 3 AWG Cu, 1-Hole, 3/8" Stud, Long Barrel, 45 Degree

By Burndy
Catalog # [YA3CTC3845](#)



3 AWG CU, One Hole, 3/8 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, WHITE Color Code, 9 Die 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

Application

Wire Termination

General

Catalog Number	YA3CTC3845
Color Code	White
Connector Type	LONG BARREL
Die Index	9
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Plated	Y
Plating Type	Tin Electro Plated
Temperature Rating	194
Trade Name	HYLUG™
Type	Standard Barrel, Tin Plated
UPC	781810316061
UPC 12 Digit	7818103160611

Dimensions

Dimension - B Length inch	1.25 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Dimension - Bolt Size inch	0.38
Dimension - D inch	0.83 in
Dimension - Height inch	1.40 in
Dimension - Hole Size fraction	3/8
Dimension - Hole Size inch	0.41
Dimension - Hole Size mm	10.4 mm
Dimension - L Length Overall mm	29 mm
Dimension - Length Overall inch	2.16 in
Dimension - N inch	0.41 in
Dimension - Outside Diameter inch	0.38 in
Dimension - Pad Width inch	0.58 in
Dimension - Strip Length inch	1-5/16
Dimension - Stud Size fraction	3/8
Dimension - Stud Size inch	3/8
Dimension - Z (inch)	0.42 in
Physical Attribute - Tongue Angle	45 Degree

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper Str Navy Size	50 (19) Navy
Conductor - Copper Str Navy Size Range	50 (19) Navy
Conductor - Copper Str Size	3 AWG
Conductor - Copper Str Size Range	3 AWG
Conductor - Material	COPPER
Conductor Size	3 AWG
Conductor Type	CODE

Certifications And Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

Logistics

Minimum Pack Quantity 1

Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - SE..209241-07](#)
[Video - HYDENT Compression Terminal Overview Video](#)



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BRDY-YA3CTC3845-SPEC-EN | REV 8/2024