

YA1C2, Compression Terminal, #1 AWG, Cu, 2-Hole, 5/16" Stud, 7/8" Spacing, Long Barrel

By Burndy
Catalog # YA1C2



1 AWG CU, One Hole, 5/16 Stud Size, 7/8 Stud Spacing, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, GREEN Color Code, 11 or 375 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 coding
- 2-Hole design prevents rotation

Application

Wire Termination

General

Catalog Number	YA1C2
Color Code	Green
Connector Type	LONG BARREL
Die Index	11
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	2
Plated	Y
Plating Type	Tin - Electro Plated
Temperature Rating	194
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810500354
UPC 12 Digit	7818105003544

Dimensions

Dimension - B Length fraction	1-3/8 in
Dimension - B Length inch	1.38 in
Dimension - Bolt Hole Size inch	0.33 in
Dimension - Bolt Size fraction	1/4
Dimension - Bolt Size inch	0.25

Dimension - D inch	1.72 in
Dimension - Hole Size fraction	1/4
Dimension - Hole Size inch	0.27
Dimension - Hole Size mm	6.9 mm
Dimension - L Length Overall mm	83 mm
Dimension - Length Overall inch	3.25 in
Dimension - N inch	0.34 in
Dimension - Outside Diameter inch	0.47 in
Dimension - Pad Width inch	0.67 in
Dimension - Strip Length inch	1-7/16
Dimension - Stud Size fraction	1/4
Dimension - Z (inch)	0.50 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper DLO Size Range	N/A
Conductor - Copper Str Navy Size	75 (37) Navy
Conductor - Copper Str Navy Size Range	75 (37) Navy
Conductor - Copper Str Size	1 AWG
Conductor - Copper Str Size Range	1 AWG
Conductor - Material	COPPER
Conductor Size	1 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

Carton Quantity	20
Minimum Pack Quantity	20

Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - SD17179-01](#)
[Specifications - YA1C2](#)
[Video - HYDENT Compression Terminal Overview Video](#)



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