

# YA2CTC1090, Compression Terminal, #2 AWG Cu, 1-Hole, #10 Stud, Long Barrel, 90 Degree

By Burndy  
Catalog # [YA2CTC1090](#)



2 AWG CU, One Hole, #10 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, BROWN Color Code, 10 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	YA2CTC1090
Color Code	Brown
Connector Type	LONG BARREL
Die Index	10
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
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810306277
UPC 12 Digit	7818103062777

## Dimensions

Dimension - B Length fraction	1-1/4 in
Dimension - B Length inch	1.25 in
Dimension - Bolt Hole Size inch	0.20 in
Dimension - Bolt Size fraction	#8-#10
Dimension - Bolt Size inch	0.21
Dimension - Height inch	1.76 in
Dimension - Hole Size fraction	#10
Dimension - Hole Size inch	0.21

Dimension - Hole Size mm	5.3 mm
Dimension - L Length Overall mm	21 mm
Dimension - Length Overall inch	0.82 in
Dimension - N inch	0.25 in
Dimension - Outside Diameter inch	0.42 in
Dimension - Pad Width inch	0.60 in
Dimension - Strip Length inch	1-5/16
Dimension - Stud Size fraction	#10
Dimension - Z (inch)	0.27 in
Physical Attribute - Tongue Angle	90 Degree

## Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

## Conductor Related

Conductor - Copper DLO Size Range	N/A
Conductor - Copper Str Navy Size	60 (19) Navy
Conductor - Copper Str Size	2 AWG
Conductor - Copper Str Size Range	2 AWG
Conductor - Material	COPPER
Conductor Size	2 AWG
Conductor Type	CODE

## Certifications And Compliance

Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL467
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Minimum Pack Quantity 1

[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)

[Sales Drawings - SE..208777-01](#)

[Specifications - YA2CTC1090](#)

[Video - HYDENT Compression Terminal Overview Video](#)

## Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)

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