



# YA6CTC1090, Compression Terminal, #6 AWG Cu, 1-Hole, #10 Stud, Long Barrel, 90 Degree

By Burndy  
Catalog # [YA6CTC1090](#)



6 AWG CU, One Hole, #10 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, BLUE Color Code, 7 or 374 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	YA6CTC1090
Color Code	Blue
Connector Type	LONG BARREL
Die Index	7
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	Long Barrel, Tin Plated
UPC	781810265918
UPC 12 Digit	7818102659188

## Dimensions

Dimension - B Length inch	1.12 in
Dimension - Bolt Hole Size inch	0.20 in
Dimension - Bolt Size fraction	#8-#10
Dimension - Bolt Size inch	0.21
Dimension - D inch	0.52 in
Dimension - Height inch	1.52 in
Dimension - Hole Size fraction	#10

Dimension - Hole Size inch	0.21
Dimension - Hole Size mm	5.3 mm
Dimension - L Length Overall mm	19 mm
Dimension - Length Overall inch	0.75 in
Dimension - N inch	0.25 in
Dimension - Outside Diameter inch	0.29 in
Dimension - Pad Width inch	0.42 in
Dimension - Strip Length inch	1-3/16
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 Str Size	6 AWG
Conductor - Copper Str Size Range	6 AWG
Conductor - Material	COPPER
Conductor Size	6 AWG
Conductor Type	CODE

## Certifications And Compliance

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

## Logistics

Carton Quantity	50
Minimum Pack Quantity	50

## Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)  
[Customer Notices - Prop 65 Notice](#)

[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)  
[Sales Drawings - SE..209241-02](#)  
[Specifications - YA6CTC1090](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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BRDY-YA6CTC1090-SPEC-EN | REV 10/2024