

# YA4CTC10, Compression Terminal, #4 AWG Cu, 1-Hole, #10 Stud, Long Barrel

By Burndy  
Catalog # [YA4CTC10](#)

4 AWG CU, One Hole, #10 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, GRAY Color Code, 8 or 346 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	YA4CTC10
Color Code	Gray
Connector Type	LONG BARREL
Die Index	8
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Straight
Plated	Y
Plating Type	Electro-Tin
Trade Name	HYLUG™
Type	Long Barrel, Electro-Tin Plated
UPC	781810019054
UPC 12 Digit	7818100190544

## Dimensions

Dimension - B Length inch	1.12
Dimension - Bolt Hole Size inch	0.21
Dimension - Bolt Size fraction	#8-#10
Dimension - Bolt Size inch	0.21
Dimension - Hole Size fraction	#10
Dimension - Hole Size inch	0.21

Dimension - Hole Size mm	5.3 mm
Dimension - L Length Overall mm	49
Dimension - Length Overall inch	1.94
Dimension - N inch	0.25
Dimension - Outside Diameter inch	0.34
Dimension - Pad Width inch	0.5
Dimension - Strip Length inch	1-3/16 in
Dimension - Stud Size fraction	#10
Dimension - Stud Size inch	3/16 in
Dimension - Z (inch)	0.27
Physical Attribute - Tongue Angle	Straight

## Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

## Conductor Related

Conductor - Copper Solid Size	4 AWG
Conductor - Copper Str Navy Size	40 (19) Navy
Conductor - Copper Str Navy Size Range	40 (19) Navy
Conductor - Copper Str Size	4 AWG
Conductor - Copper Str Size Range	4 AWG
Conductor - Material	COPPER
Conductor Size	4 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 - Industry Standards Met	UL467

Standards - RoHS Compliance CM  
Status  
UL Listed Yes

**Logistics**

Carton Quantity 50  
Minimum Pack Quantity 1

**Product Assets**

Catalogs - BURNDY Master Catalog - Section C - Compression Connections  
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog  
Customer Notices - Prop 65 Notice  
Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions  
Interactive Catalog - BURNDY Full-Line Digital Catalog  
Sales Drawings - SD..079849-02  
Specifications - YA4CTC10  
Video - HYDENT Compression Terminal Overview Video



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