



# Compression Terminal

By Burndy  
Catalog # YA8CTC10

8 AWG CU, One Hole, #10 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, RED Color Code, 49 Die Index.



## Application

Wire Termination

## General

Catalog Number	YA8CTC10
Color Code	Red
Connector Type	LONG BARREL
Die Index	49
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810019078
UPC 12 Digit	7818100190788

## Dimensions

Dimension - B Length inch	0.81 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 - Hole Size fraction	#10
Dimension - Hole Size inch	0.21
Dimension - Hole Size mm	5.3 mm
Dimension - L Length Overall mm	40 mm
Dimension - Length Overall inch	1.57 in
Dimension - N inch	0.25 in
Dimension - Outside Diameter inch	0.27 in
Dimension - Pad Width inch	0.41 in
Dimension - Strip Length inch	7/8

## Conductor Related

Conductor - Copper DLO Size	8 AWG
Conductor - Copper Flex G Size	"8 AWG"
Conductor - Copper Flex H Size	"8 AWG"
Conductor - Copper Flex I Size	"8 AWG"
Conductor - Copper Flex K Size	"8 AWG"
Conductor - Copper Flex M Size	"8 AWG"
Conductor - Copper Solid Size	6 Sol-8 Sol
Conductor - Copper Str Compact Size	"8 AWG"
Conductor - Copper Str Navy Size	23
Conductor - Copper Str Size	"8 AWG"
Conductor - Copper Str Size Range	8 AWG
Conductor - Material	COPPER
Conductor Size	8 AWG
Conductor Type	CODE/FLEX
Wire Size	8 AWG

## 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 Status	CM
UL Listed	Yes

## Logistics

Carton Quantity	100
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## Product Assets

- [3D Models - YA8CTC10\\_MODEL-STEP](#)
- [3D Models - YA8CTC10\\_MODEL-PDF](#)
- [3D Models - YA8CTC10\\_MODEL-IGES](#)
- [Catalogs - Full Line BURNDY Catalog](#)
- [Catalogs - Section C - Compression Connections](#)
- [Customer Notices - Prop 65 Notice](#)

Dimension - Stud Size fraction #10  
Dimension - Stud Size inch #10  
Dimension - Z (inch) 0.27 in  
Physical Attribute - Tongue Straight  
Angle

[Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions](#)  
[Sales Drawings - SD..079849-01](#)  
[Video - HYDENT Compression Terminal Overview Video](#)

### Electrical Ratings

Voltage - Maximum 35000  
Voltage Rating 35 kV



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