



YA6CTC516, Compression Terminal, #6 AWG Cu, 1-Hole, 5/16" Stud, Long Barrel

By Burndy
Catalog # [YA6CTC516](#)



6 AWG CU, One Hole, 5/16 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	YA6CTC516
Color Code	Blue
Connector Type	LONG BARREL
Construction Material - Main	Copper
Die Index	7
EU RoHS Indicator	Contact Manufacturer
Feature - Barrel Style	Skived
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Plated	Y
Plating Type	Tin
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	YA-TC
UPC	781810547090
UPC 12 Digit	7818105470900

Dimensions

Dimension - B Length inch	1.12 in
Dimension - Bolt Size fraction	5/16
Dimension - Bolt Size inch	0.3125
Dimension - Hole Size fraction	5/16

Dimension - Hole Size inch	0.38
Dimension - Hole Size mm	10 mm
Dimension - L Length Overall mm	53 mm
Dimension - Length Overall inch	2.08 in
Dimension - Pad Width inch	0.52 in
Dimension - Strip Length inch	1-3/16
Dimension - Stud Size fraction	5/16
Dimension - Stud Size inch	5/16
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper Solid Size	6 AWG
Conductor - Copper Solid Size Range	6 Sol
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

Buy American Compliant	Contact Manufacturer
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	50	Customer Notices - Prop 65 Notice
Minimum Pack Quantity	1	Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions
Product Assets		Interactive Catalog - BURNDY Full-Line Digital Catalog
Catalogs - BURNDY Master Catalog - Section C - Compression Connections		Sales Drawings - SD..079849-01
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog		Specifications - YA6CTC516
		Video - HYDENT Compression Terminal Overview Video

