



YA6C, Cu Compression, 1-Hole, 1/4" Stud, Long Barrel, 6 AWG

By Burndy
Catalog # [YA6C](#)



6 AWG CU, One Hole, 1/4 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	YA6C
Color Code	Blue
Connector Type	LONG BARREL
Die Index	7
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	Straight
Plated	Y
Plating Type	Tin
Sub Brand	HYLUG
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810501757
UPC 14 Digit GTIN	00781810501757

Dimensions

Dimension - B Length inch	1.12
Dimension - Bolt Hole Size inch	0.27
Dimension - Bolt Size fraction	1/4
Dimension - Bolt Size inch	0.25
Dimension - Hole Size fraction	1/4
Dimension - Hole Size inch	0.27

Dimension - Hole Size mm	6.9 mm
Dimension - L Length Overall mm	46
Dimension - Length Overall inch	1.81
Dimension - N inch	0.25
Dimension - Outside Diameter inch	0.29
Dimension - Pad Width inch	0.41
Dimension - Strip Length inch	1-3/16 in
Dimension - Stud Size fraction	1/4
Dimension - Stud Size inch	1/4 in
Dimension - Z (inch)	0.19
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper Solid Size	6 AWG
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 America(n) Qualified	Buy American Act Compliant (All status valid till December 2024)
Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM

UL Listed	Yes	Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
Logistics		Customer Notices - Prop 65 Notice
		Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions
		Installation Manuals - Medium & Large HYDENT Copper & Aluminum Terminal Crimp Instructions with 750 Series 12-Ton Tool
Carton Quantity	50	Interactive Catalog - BURNDY Full-Line Digital Catalog
Minimum Pack Quantity	1	Sales Drawings - SD..079849-01
Product Assets		Specifications - YA6C
		Video - HYDENT Compression Terminal Overview Video
3D Models - YA6C_MODEL-IGES		
3D Models - YA6C_MODEL-STEP		
3D Models - YA6C_MODEL-PDF		
Catalogs - BURNDY Master Catalog - Section C - Compression Connections		

