



YA8CTC38, Cu Compression, 1-Hole, 3/8" Stud, Long Barrel, 8 AWG

By Burndy

Catalog # [YA8CTC38](#)

8 AWG CU, One Hole, 3/8 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, RED Color Code, 49 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	YA8CTC38
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
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Temperature Rating	194
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810020418
UPC 14 Digit GTIN	00781810020418

Dimensions

Dimension - B Length inch	0.81 in
Dimension - Bolt Hole Size inch	0.39 in
Dimension - Bolt Size fraction	3/8
Dimension - Bolt Size inch	0.38
Dimension - D inch	0.83 in
Dimension - Hole Size fraction	3/8
Dimension - Hole Size inch	0.41

Dimension - Hole Size mm	10.4 mm
Dimension - L Length Overall mm	48 mm
Dimension - Length Overall inch	1.88 in
Dimension - N inch	0.41 in
Dimension - Outside Diameter inch	0.27 in
Dimension - Pad Width inch	0.58 in
Dimension - Strip Length inch	1-3/16
Dimension - Stud Size fraction	3/8
Dimension - Stud Size inch	3/8
Dimension - Z (inch)	0.42 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

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 Solid Size Range	8-6 Sol
Conductor - Copper Str Compact Size	"8 AWG"
Conductor - Copper Str Navy Size	23
Conductor - Copper Str Navy Size Range	23 (7) Navy
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	Product Assets
Certifications And Compliance		3D Models - YA8CTC38_MODEL-PDF
Buy America(n) Qualified	Contact Manufacturer	3D Models - YA8CTC38_MODEL-IGES
Certification - CSA Approved	Yes	3D Models - YA8CTC38_MODEL-STEP
Certification - ETL	No	Catalogs - BURNDY Master Catalog - Section C - Compression Connections
Certification - UL Recognized	No	Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
Certification - cULus	No	Customer Notices - Prop 65 Notice
Industry Standard(s)	UL 486A-486B	Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions
Standards - Industry Standards Met	UL467	Installation Manuals - Medium & Large HYDENT Copper & Aluminum Terminal Crimp Instructions with 750 Series 12-Ton Tool
Standards - RoHS Compliance Status	CM	Interactive Catalog - BURNDY Full-Line Digital Catalog
UL Listed	Yes	Sales Drawings - SD..079849-01
Logistics		Specifications - YA8CTC38
Carton Quantity	100	Video - HYDENT Compression Terminal Overview Video
Minimum Pack Quantity	1	

