



# 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.

## 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 12 Digit                         | 7818100204188           |

## 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     |

## 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       |

## 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 |
|-----------------|-----|

## Product Assets

[3D Models - YA8CTC38\\_MODEL-STEP](#)  
[3D Models - YA8CTC38\\_MODEL-IGES](#)

Dimension - Z (inch) 0.42 in  
Physical Attribute - Tongue Angle Straight

**Electrical Ratings**

Voltage - Maximum 35000  
Voltage Rating 35 kV

[3D Models - YA8CTC38\\_MODEL-PDF](#)  
[3D Models - YA8CTC38\\_MODEL-PDF](#)  
[Catalogs - Full Line BURNDY Catalog](#)  
[Catalogs - Section C - Compression Connections](#)  
[Customer Notices - Prop 65 Notice](#)  
[Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions](#)  
[Sales Drawings - SD..079849-01](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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BRDY\_MX-YA8CTC38-SPEC-EN | REV 6/2024