



## YA28TC38, 4/0 AWG, CU, 1-hole, 3/8" Stud, Long Barrel

By Burndy  
Catalog # YA28TC38

4/0 AWG CU, One Hole, 3/8 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, PURPLE Color Code, 15 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                       | YA28TC38                |
| Color Code                           | Purple                  |
| Connector Type                       | LONG BARREL             |
| Die Index                            | 15                      |
| 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                   |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810019689            |
| UPC 12 Digit                         | 7818100196899           |

### Dimensions

|                                   |          |
|-----------------------------------|----------|
| Dimension - B Length fraction     | 1-5/8 in |
| Dimension - B Length inch         | 1.62 in  |
| Dimension - Bolt Hole Size inch   | 0.39 in  |
| Dimension - Bolt Size fraction    | 3/8      |
| Dimension - Bolt Size inch        | 0.38     |
| Dimension - Hole Size fraction    | 3/8      |
| Dimension - Hole Size inch        | 0.41     |
| Dimension - Hole Size mm          | 10.4 mm  |
| Dimension - L Length Overall mm   | 76 mm    |
| Dimension - Length Overall inch   | 2.98 in  |
| Dimension - N inch                | 0.41 in  |
| Dimension - Outside Diameter inch | 0.69 in  |
| Dimension - Pad Width inch        | 1.02 in  |
| Dimension - Strip Length inch     | 1-11/16  |
| 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 Range | N/A           |
| Conductor - Copper Str Navy Size  | 200 (61) Navy |
| Conductor - Copper Str Size Range | 4/0 AWG       |
| Conductor - Copper Str Size Range | 4/0 AWG       |
| Conductor - Material              | COPPER        |
| Conductor Size                    | 4/0 AWG       |
| Conductor Type                    | CODE          |

## Certifications And Compliance

|                                    |              |
|------------------------------------|--------------|
| Buy American Compliant             | Yes          |
| 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       | 50    |
| Minimum Pack Quantity | 1     |
| Pallet Quantity       | 14500 |

## Product Assets

[3D Models - YA28TC38\\_MODEL-STEP](#)  
[3D Models - YA28TC38\\_MODEL-IGES](#)  
[3D Models - YA28TC38\\_MODEL-PDF](#)  
[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)  
[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)  
[Customer Notices - Prop 65 Notice](#)  
[Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions](#)  
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)  
[Sales Drawings - SD..079849-04](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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