



YA272TC38, 3/0 AWG, CU, 2 Hole, 3/8 Stud, 1 IN Spacing, Long Barrel

By Burndy
Catalog # YA272TC38



3/0 AWG CU, Two Hole, 3/8 Stud Size, 1 Hole Spacing, Long Barrel Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, Orange Color Code, 14 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 coding
- 2-Hole design prevents rotation

Application

Wire Termination

General

| | |
|--------------------------------------|-------------------------|
| Catalog Number | YA272TC38 |
| Color Code | Orange |
| Connector Type | LONG BARREL |
| Die Index | 14 |
| EU RoHS Indicator | Yes |
| Feature - Barrel Style | Chamfered |
| Feature - Barrel Type | Long |
| Finish Type | Tin-Plated |
| Material | COPPER |
| Physical Attribute - Number of Holes | 2 |
| Physical Attribute - Tongue Type | Standard |
| Plated | Y |
| Plating Type | Tin - Electro Plated |
| Sub Brand | HYLUG |
| Trade Name | HYLUG™ |
| Type | Long Barrel, Tin Plated |
| UPC | 781810019856 |
| UPC 12 Digit | 7818100198566 |

Dimensions

| | |
|-----------------------------------|----------|
| Dimension - B Length fraction | 1-1/2 in |
| Dimension - B Length inch | 1.50 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 | 97 mm |
| Dimension - Length Overall inch | 3.82 in |
| Dimension - N inch | 0.41 in |
| Dimension - Outside Diameter inch | 0.62 in |
| Dimension - Pad Width inch | 0.90 in |
| Dimension - Strip Length inch | 1-9/16 |
| Dimension - Stud Size fraction | 3/8 |
| Dimension - Stud Size inch | 3/8 |
| Dimension - Thread Size | 3/8 |
| Dimension - Z (inch) | 0.43 in |
| Physical Attribute - Tongue Angle | Straight |
| Thickness - Pad | 0.12 in |

Electrical Ratings

| | |
|-------------------|-------|
| Voltage - Maximum | 35000 |
| Voltage Rating | 35 kV |

Conductor Related

| | |
|-----------------------------------|---------------|
| Conductor - Copper Str Navy Size | 150 (61) Navy |
| Conductor - Copper Str Size | 3/0 AWG |
| Conductor - Copper Str Size Range | 3/0 AWG |
| Conductor - Material | COPPER |
| Conductor Size | 3/0 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 | UL 486A-486B |
| Standards - RoHS Compliance Status | CM |
| UL Listed | Yes |

Logistics

| | |
|-----------------------|----|
| Carton Quantity | 10 |
| Minimum Pack Quantity | 1 |

Product Assets

[3D Models - YA272TC38_MODEL-IGES](#)
[3D Models - YA272TC38_MODEL-STEP](#)
[3D Models - YA272TC38_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 - SE..208777-01](#)
[Video - HYDENT Compression Terminal Overview Video](#)



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