



YAV102TC1445, Compression Terminal, 14-10 AWG, 12-10 Sol, Cu, 2-Hole, 1/4" Stud, 5/8" Spacing, 45 Degree

By Burndy

Catalog # [YAV102TC1445](#)

14-10 AWG - 12-10 Sol CU, Two Hole, 1/4 Stud Size, 5/8 Hole Spacing, Standard Barrel, Inspection Window, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV.

Features

- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- 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

Application

Wire Termination

General

| | |
|--------------------------------------|-----------------------------|
| Catalog Number | YAV102TC1445 |
| Connector Type | LONG BARREL |
| Feature - Barrel Style | Chamfered |
| Feature - Barrel Type | Standard |
| Finish Type | Tin-Plated |
| Material | COPPER |
| Physical Attribute - Number of Holes | 2 |
| Plated | Y |
| Plating Type | Tin |
| Temperature Rating | 194 |
| Trade Name | HYLUG™ |
| Type | Standard Barrel, Tin Plated |
| UPC | 781810105207 |
| UPC 14 Digit GTIN | 00781810105207 |

Dimensions

| | |
|--------------------------------|---------|
| Dimension - B Length fraction | 3/8 in |
| Dimension - B Length inch | 0.38 in |
| Dimension - Bolt Size fraction | 1/4 |
| Dimension - Bolt Size inch | 0.25 |
| Dimension - D inch | 1.14 in |
| Dimension - Height inch | 0.54 in |
| 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 mm |
| Dimension - Length Overall inch | 1.81 in |
| Dimension - N inch | 0.31 in |
| Dimension - Outside Diameter inch | 0.21 in |
| Dimension - Pad Width inch | 0.41 in |
| Dimension - Strip Length inch | 7/16 |
| Dimension - Stud Size fraction | 1/4 |
| Dimension - Stud Size inch | 1/4 |
| Dimension - Z (inch) | 0.33 in |
| Physical Attribute - Tongue Angle | 45 Degree |

Electrical Ratings

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

Conductor Related

| | |
|-------------------------------------|-----------------|
| Conductor - Copper DLO Size Range | N/A |
| Conductor - Copper Solid Size Range | 12 -10 Sol |
| Conductor - Copper Str Size | 14 AWG-10 AWG |
| Conductor - Copper Str Size Range | 14 AWG - 10 AWG |
| Conductor - Material | COPPER |
| Conductor Size | 14-10 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 - RoHS Compliance | CM |
| Status | |
| UL Listed | Yes |

Logistics

| | |
|-----------------------|----|
| Carton Quantity | 50 |
| Minimum Pack Quantity | 1 |

Product Assets

- Catalogs - [BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- Sales Drawings - [se210463-01](#)
- Specifications - [YAV102TC1445](#)
- Video - [HYDENT Compression Terminal Overview Video](#)



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