



YA342N45, Compression Terminal, 500 kcmil Cu, 2-Hole, 1/2" Stud, 1-3/4" Spacing, Long Barrel, 45 Degree

By Burndy
Catalog # [YA342N45](#)



Copper Two Hole HYLUG - Long Barrel ,45 Degree Pad 500 kcmil,1/2" Bolt Hole with 1-3/4" Spacing,Tin Plated,Color: Brown,Die Index : 20.

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 | YA342N45 |
| Color Code | Brown |
| Connector Type | LONG BARREL |
| Die Index | 20 |
| Feature - Barrel Style | Chamfered |
| Feature - Barrel Type | Long |
| Finish Type | Tin-Plated |
| Material | COPPER |
| Physical Attribute - Number of Holes | 2 |
| Plated | Y |
| Plating Type | Tin - Electro Plated |
| Trade Name | HYLUG™ |
| Type | Long Barrel, Tin Plated |
| UPC | 781810035610 |
| UPC 14 Digit GTIN | 00781810035610 |

Dimensions

| | |
|---------------------------------|----------|
| Dimension - B Length fraction | 2-1/4 in |
| Dimension - B Length inch | 2.25 in |
| Dimension - Bolt Hole Size inch | 0.52 in |
| Dimension - Bolt Size fraction | 1/2 |
| Dimension - Bolt Size inch | 0.5 |

| | |
|-----------------------------------|-----------|
| Dimension - Height inch | 2.97 in |
| Dimension - Hole Size fraction | 1/2 |
| Dimension - Hole Size inch | 0.56 |
| Dimension - Hole Size mm | 14 mm |
| Dimension - L Length Overall mm | 145 mm |
| Dimension - Length Overall inch | 5.72 in |
| Dimension - N inch | 0.63 in |
| Dimension - Outside Diameter inch | 1.06 in |
| Dimension - Pad Width inch | 1.55 in |
| Dimension - Strip Length inch | 2-5/16 |
| Dimension - Stud Size fraction | 1/2 |
| Dimension - Z (inch) | 0.64 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 Str Size | 500 KCMIL |
| Conductor - Copper Str Size Range | 500 kcmil |
| Conductor - Material | COPPER |
| Conductor Size | 500 KCMIL |
| Conductor Type | CODE |

Certifications And Compliance

| | |
|--------------------------------|--------------|
| Certification - ETL | No |
| Certification - UL Recognized | No |
| Certification - cULus | No |
| Industry Standard(s) | UL 486A-486B |
| Standards - Industry Standards | UL 486A-486B |
| Met | |

Standards - RoHS Compliance CM
Status
UL Listed Yes

Logistics

Carton Quantity 6
Minimum Pack Quantity 6
Pallet Quantity 2784

Product Assets

Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
Customer Notices - Prop 65 Notice
Interactive Catalog - BURNDY Full-Line Digital Catalog
Sales Drawings - 50010252
Specifications - YA342N45
Video - HYDENT Compression Terminal Overview Video



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