

YA6CL45, Compression Terminal, #6 AWG Cu, 1-Hole, 1/4" Stud, Standard Barrel, 45 Degree



By Burndy

Catalog # [YA6CL45](#)

Cu Tubing Cu HYLUG™, 1 Hole with Inspection Window, #6 AWG Code, 600V-35kV, 1/4" stud, Standard, Compression, 0.27 in BCD, Blue.

Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Standard barrel length is recommended for installations with limited space availability
- 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	YA6CL45
Color Code	Blue
Connector Type	STANDARD BARREL
Die Index	7
Feature - Barrel Style	<ul style="list-style-type: none"> • Chamfered • Skived
Feature - Barrel Type	Standard
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Temperature Rating	194
Trade Name	HYLUG™
Type	Standard Barrel, Tin Plated
UPC	781810022047
UPC 12 Digit	7818100220477

Dimensions

Dimension - B Length fraction	9/16 in
Dimension - B Length inch	0.54 in
Dimension - Bolt Size fraction	1/4

Dimension - Bolt Size inch	0.25
Dimension - D inch	0.64 in
Dimension - Height inch	0.45 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	33 mm
Dimension - Length Overall inch	1.28 in
Dimension - N inch	0.31 in
Dimension - Outside Diameter inch	0.29 in
Dimension - Pad Width inch	0.45 in
Dimension - Strip Length inch	9/16
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 Str Size	6 AWG
Conductor - Copper Str Size Range	6 AWG
Conductor - Material	COPPER
Conductor Size	6 AWG
Conductor Type	CODE

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	50
Minimum Pack Quantity	1

Product Assets

- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - SE209240-04](#)
- [Specifications - YA6CL45](#)
- [Video - HYDENT Compression Terminal Overview Video](#)



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