

# YA34L645, Compression Terminal, 500 kcmil, 1-Hole, 1/2" Stud, Standard Barrel, 45 Degree



By Burndy  
Catalog # [YA34L645](#)

Copper Compression Lug, 1 Hole w/ Inspection Window, 500 kcmil, 1/2" Stud, Short Barrel, 20 index, Brown, Tin Plated, 45 degree bend.

## 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	YA34L645
Color Code	Brown
Connector Type	STANDARD BARREL
Die Index	20
Feature - Barrel Style	<ul style="list-style-type: none"> <li>• Chamfered</li> <li>• Skived</li> </ul>
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
Trade Name	HYLUG™
Type	Standard Barrel, Tin Plated
UPC	781810020005

## Dimensions

Dimension - B Length fraction	1-1/4 in
Dimension - B Length inch	1.27 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5

Dimension - D inch	1.08 in
Dimension - Height inch	2.24 in
Dimension - Hole Size mm	13 mm
Dimension - L Length Overall mm	77 mm
Dimension - Length Overall inch	3.03 in
Dimension - N inch	0.53 in
Dimension - Outside Diameter inch	1.06 in
Dimension - Pad Width inch	1.55 in
Dimension - Strip Length inch	1-7/42
Dimension - Stud Size inch	1/2
Dimension - Z (inch)	0.55 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 - 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 30  
Minimum Pack Quantity 30  
Pallet Quantity 4440

**Product Assets**

Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog  
Customer Notices - Prop 65 Notice  
Interactive Catalog - BURNDY Full-Line Digital Catalog  
Sales Drawings - se209240-28  
Specifications - YA34L645  
Video - HYDENT Compression Terminal Overview Video



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