

# YA47, Compression Terminal, 1750 kcmil Cu, 1-Hole, 3/4" Stud, Long Barrel



By Burndy  
Catalog # YA47

1750 kcmil CU, One Hole, 3/4 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, GRAY Color Code, 33 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

## Application

Wire Termination

## General

Catalog Number	YA47
Color Code	Gray
Connector Type	LONG BARREL
Die Index	33
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	straight
Plated	Y
Plating Type	Electro-Tin plated
Trade Name	HYLUG™
Type	Long Barrel, Electro-Tin Plated
UPC	781810316986
UPC 12 Digit	7818103169866

## Dimensions

Dimension - B Length inch	3.44 in
Dimension - Bolt Hole Size inch	0.81 in
Dimension - Bolt Size fraction	3/4
Dimension - Bolt Size inch	0.75
Dimension - Hole Size fraction	3/4
Dimension - Hole Size inch	0.81

Dimension - Hole Size mm	21 mm
Dimension - L Length Overall mm	162 mm
Dimension - Length Overall inch	6.38 in
Dimension - N inch	0.75 in
Dimension - Outside Diameter inch	1.98 in
Dimension - Pad Width inch	2.90 in
Dimension - Strip Length inch	3-1/2 in
Dimension - Stud Size fraction	3/4
Dimension - Stud Size inch	3/4 in
Dimension - Thread Size	3/4 in
Dimension - Z (inch)	0.77 in
Physical Attribute - Tongue Angle	Straight

## Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

## Conductor Related

Conductor - Copper Solid Size	1750 Kcmil
Conductor - Copper Str Size	1750 KCMIL
Conductor - Copper Str Size Range	1750 kcmil
Conductor - Material	COPPER
Conductor Size	1750 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	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Carton Quantity	3
Minimum Pack Quantity	3
Pallet Quantity	735

## Product Assets

[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 - SD079849-10](#)  
[Specifications - YA47](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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