



# YA402NFXB, Cu Compression, 2-Hole, 1/2" Stud, 1-3/4" Spacing, Long Barrel, 650 kcmil G, 646 DLO

By Burndy  
Catalog # [YA402NFXB](#)

650 kcmil G, 646 DLO, CU, 2 Hole, 1/2 Stud, 1-3/4 IN Spacing, Long Barrel, Bell End



## 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

## Specifications

Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Yes
Certification - UL Recognized	No
Industry Standard(s)	UL 486A-486B
Buy America(n) Qualified	Contact Manufacturer
Certification - ETL	No
Standards - RoHS Compliance Status	CM
Certification - CSA Approved	Yes
UL Listed	Yes

## Conductor

Conductor - Material	COPPER
Wire Size	650 KCMIL
Conductor - Copper Str Size	650 KCMIL
Conductor - Copper DLO Size	646 KCMIL
Conductor - Copper DLO Size Range	646 kcmil
Conductor - Copper Flex G Size	650 KCMIL
Conductor - Copper Flex G Size Range	650 kcmil
Conductor Size	650 KCMIL
Conductor - Copper Str Size Range	650 kcmil
Conductor Type	FLEX

## Configuration

Physical Attribute - Number of Holes	2
Connector Type	LONG BARREL

## Current

Voltage - Maximum	35000
Voltage Rating	35 kV

## Dimensions

Dimension - Outside Diameter inch	1.35
Dimension - L Length Overall mm	183
Dimension - Pad Width inch	1.98
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56
Dimension - Hole Size mm	14
Dimension - Strip Length inch	3-5/16
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	1/2
Dimension - B Length inch	3.24
Dimension - Z inch	0.64
Physical Attribute - Tongue Angle	Straight
Dimension - Bolt Hole Size inch	0.52
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5
Dimension - Length Overall inch	7.22
Dimension - D inch	3.01
Dimension - N inch	0.62

## General

Die Index	24
Trade Name	HYLUG™
Sub Brand	HYLUG
Color Code	Black
Physical Attribute - Tongue Type	Standard
Plated	Y
Feature - Barrel Type	Long
Feature - Barrel Style	Belled
Type	Long Barrel, Tin Plated
UPC 12 Digit	781810053690
UPC 14 Digit GTIN	00781810053690

Material	COPPER
Plating Type	Tin Plated
Finish Type	Tin-Plated
UPC	781810053690

### Logistics

Minimum Pack Quantity	1
Carton Quantity	6
Pallet Quantity	1470

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### Operational

Temperature Rating	194
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### Product Assets

- [Catalog \[English\]](#)
- [Installation Manual \[English\]](#)
- [Installation Manual \[French, English\]](#)