



# YA342NFXB, 350 kcmil G,H,I,K,M,373 DLO, CU, 2 Hole, 1/2 Stud, 1-3/4 Spacing, Long Barrel, Bell End

By Burndy  
Catalog # [YA342NFXB](#)

350 kcmil G,H,I,K,M,373 DLO CU, Two Hole, 1/2 Stud Size, 1-3/4 Hole Spacing, Long Barrel, Bell End, Tin Plated, UL/CSA, 90°C, Up to 35kV, Blue Color Code, 19 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 coding
- 2-Hole design prevents rotation

## Application

Wire Termination

## General

|                                      |                         |
|--------------------------------------|-------------------------|
| Catalog Number                       | YA342NFXB               |
| Color Code                           | Blue                    |
| Connector Type                       | LONG BARREL             |
| Die Index                            | 19                      |
| EU RoHS Indicator                    | Yes                     |
| Feature - Barrel Style               | Belled                  |
| Feature - Barrel Type                | Long                    |
| Finish Type                          | Tin-Plated              |
| Material                             | COPPER                  |
| Physical Attribute - Number of Holes | 2                       |
| Physical Attribute - Tongue Type     | Standard                |
| Plated                               | Y                       |
| Plating Type                         | Tin                     |
| Sub Brand                            | HYLUG                   |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810039922            |
| UPC 12 Digit                         | 7818100399222           |

## Dimensions

|                               |          |
|-------------------------------|----------|
| Dimension - B Length fraction | 2-1/2 in |
|-------------------------------|----------|



|                                   |          |
|-----------------------------------|----------|
| Dimension - B Length inch         | 2.48 in  |
| Dimension - Bolt Hole Size inch   | 0.52 in  |
| Dimension - Bolt Size fraction    | 1/2      |
| Dimension - Bolt Size inch        | 0.5      |
| Dimension - Hole Size fraction    | 1/2      |
| Dimension - Hole Size inch        | 0.56     |
| Dimension - Hole Size mm          | 14 mm    |
| Dimension - L Length Overall mm   | 160 mm   |
| Dimension - Length Overall inch   | 6.29 in  |
| Dimension - N inch                | 0.62 in  |
| Dimension - Outside Diameter inch | 1.06 in  |
| Dimension - Pad Width inch        | 1.55 in  |
| Dimension - Strip Length inch     | 2-9/16   |
| Dimension - Stud Size fraction    | 1/2      |
| Dimension - Stud Size inch        | 1/2      |
| Dimension - Z (inch)              | 0.64 in  |
| Physical Attribute - Tongue Angle | Straight |

## Electrical Ratings

|                   |       |
|-------------------|-------|
| Voltage - Maximum | 35000 |
| Voltage Rating    | 35 kV |

## Conductor Related

|                                      |           |
|--------------------------------------|-----------|
| Conductor - Copper DLO Size          | 373 KCMIL |
| Conductor - Copper DLO Size Range    | 373 kcmil |
| Conductor - Copper Flex G Size       | 350 KCMIL |
| Conductor - Copper Flex G Size Range | 350 kcmil |
| Conductor - Copper Flex H Size       | 350 KCMIL |
| Conductor - Copper Flex H Size Range | 350 kcmil |
| Conductor - Copper Flex I Size       | 350 KCMIL |
| Conductor - Copper Flex I Size Range | 350 kcmil |
| Conductor - Copper Flex K Size       | 350 KCMIL |

|                                      |           |
|--------------------------------------|-----------|
| Conductor - Copper Flex K Size Range | 350 kcmil |
| Conductor - Copper Flex M Size       | 350 KCMIL |
| Conductor - Copper Flex M Size Range | 373.7     |
| Conductor - Copper Str Size          | 350 KCMIL |
| Conductor - Copper Str Size Range    | 350 kcmil |
| Conductor - Material                 | COPPER    |
| Conductor Size                       | 350 KCMIL |
| Conductor Type                       | FLEX      |
| Wire Size                            | 350 KCMIL |

Certifications And Compliance

|                               |     |
|-------------------------------|-----|
| Buy American Compliant        | Yes |
| Certification - CSA Approved  | Yes |
| Certification - ETL           | No  |
| Certification - UL Recognized | No  |
| Certification - cULus         | No  |

|                             |              |
|-----------------------------|--------------|
| Industry Standard(s)        | UL 486A-486B |
| Standards - RoHS Compliance | CM           |
| Status                      |              |
| UL Listed                   | Yes          |

Logistics

|                       |   |
|-----------------------|---|
| Carton Quantity       | 6 |
| Minimum Pack Quantity | 1 |

Product Assets

- Catalogs - [BURNDY Master Catalog - Section C - Compression Connections](#)
- Catalogs - [BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- Customer Notices - [Prop 65 Notice](#)
- Installation Manuals - [Copper Flex Long Terminals Tooling and Installation Instructions](#)
- Interactive Catalog - [BURNDY Full-Line Digital Catalog](#)
- Sales Drawings - [SE..208074-01](#)
- Specifications - [YA342NFXB](#)
- Video - [HYDENT Compression Terminal Overview Video](#)

