



## YAV27LTC12FX, Compression Terminal, 3/0 Flex G,H,I,K,M, DLO, 3/0 AWG, Cu, 1-Hole, 1/2" Stud, Standard Barrel

By Burndy

Catalog # [YAV27LTC12FX](#)

3/0 Flex G,H,I,K,M,DLO, 3/0 AWG, CU, 1 Hole, 1/2 Stud, Standard Barrel, Inspection W/indow

### Features

- 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
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

### Application

Wire Termination

### Specifications

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

### Conductor

|                                      |           |
|--------------------------------------|-----------|
| Conductor - Material                 | COPPER    |
| Wire Size                            | 3/0 AWG   |
| Conductor - Copper Flex K Size Range | 3/0 AWG   |
| Conductor - Copper Flex K Size       | "3/0 AWG" |
| Conductor - Copper Flex M Size       | "3/0 AWG" |
| Conductor - Copper Str Size          | "3/0 AWG" |
| Conductor - Copper Flex I Size Range | 3/0 AWG   |
| Conductor - Copper Flex G Size       | "3/0 AWG" |
| Conductor - Copper DLO Size Range    | 3/0 AWG   |
| Conductor - Copper Str Compact Size  | "3/0 AWG" |
| Conductor - Copper DLO Size          | 3/0 AWG   |
| Conductor Size                       | 3/0 AWG   |
| Conductor - Copper Flex H Size       | "3/0 AWG" |
| Conductor - Copper Flex G Size Range | 3/0 AWG   |



|                                  |                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductor - Copper Str Navy Size | 150                                                                                                                                                              |
| Conductor - CopperWeld Str Size  | <ul style="list-style-type: none"><li>• 3/0 E AWG</li><li>• 3/0 EK AWG</li><li>• 3/0 F AWG</li><li>• 3/0 G AWG</li><li>• 3/0 J AWG</li><li>• 3/0 V AWG</li></ul> |

|                                      |           |
|--------------------------------------|-----------|
| Conductor Type                       | CODE/FLEX |
| Conductor - Copper Str Size Range    | 3/0 AWG   |
| Conductor - Copper Flex H Size Range | 3/0 AWG   |
| Conductor - Copper Flex I Size       | "3/0 AWG" |

### Configuration

|                                      |                 |
|--------------------------------------|-----------------|
| Physical Attribute - Number of Holes | 1               |
| Number of Pad Holes                  | 1               |
| Connector Type                       | STANDARD BARREL |

### Current

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

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 1.03 in   |
| Package Height                    | 0.000 in  |
| Dimension - Height mm             | 0 mm      |
| Dimension - Hole Size fraction    | 1/2       |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 66 mm     |
| Dimension - Outside Diameter inch | 0.70 in   |
| Dimension - Hole Size mm          | 13.5 mm   |
| Dimension - Hole Size inch        | 0.53      |
| Dimension - Strip Length inch     | 1 in      |
| Dimension - Stud Size inch        | 1/2       |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |

|                                   |           |                                               |                             |
|-----------------------------------|-----------|-----------------------------------------------|-----------------------------|
| Physical Attribute - Tongue Angle | Straight  | UPC Type                                      | 781810022528                |
| Dimension - B Length fraction     | 1 in      | Material                                      | Standard Barrel, Tin Plated |
| Dimension - Z inch                | 0.55 in   | Plating Type                                  | Copper                      |
| Dimension - B Length inch         | 1.00 in   | Finish Type                                   | Tin                         |
| Dimension - N inch                | 0.53 in   | UPC 12 Digit                                  | Tin-Plated                  |
| Dimension - Bolt Size inch        | 0.5       | UPC 14 Digit GTIN                             | 781810022528                |
| Dimension - Length Overall inch   | 2.59 in   |                                               | 00781810022528              |
| <b>General</b>                    |           | <b>Logistics</b>                              |                             |
| Trade Name                        | HYLUG™    | Minimum Pack Quantity                         | 1                           |
| Die Index                         | 14        | Pallet Quantity                               | 18500                       |
| Feature - Barrel Type             | Standard  | Carton Quantity                               | 100                         |
| Feature - Barrel Style            | Chamfered |                                               |                             |
| Plated                            | Y         | <b>Product Assets</b>                         |                             |
| Color Code                        | Orange    | <a href="#">Catalog [English]</a>             |                             |
| Sub Brand                         | HYLUG     | <a href="#">Installation Manual [English]</a> |                             |
|                                   |           | <a href="#">Installation Manual [English]</a> |                             |

