



YA40TC12FXB, Compression Terminal. 650 kcmil G, 646 DLO, Cu, 1-Hole, 1/2" Stud, Long Barrel

By Burndy
Catalog # [YA40TC12FXB](#)



UL Listed 90° C, 600 Volts to 35kV.

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	YA40TC12FXB
Color Code	Black
Connector Type	LONG BARREL
Die Index	24
Feature - Barrel Style	Belled
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Plated	Y
Plating Type	Tin
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810329870
UPC 12 Digit	7818103298700

Dimensions

Dimension - B Length fraction	3-1/4 in
Dimension - B Length inch	3.24 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	0.53
Dimension - Hole Size mm	13.5 mm
Dimension - L Length Overall mm	133 mm

Dimension - Length Overall inch	5.23 in
Dimension - N inch	0.53 in
Dimension - Outside Diameter inch	1.35 in
Dimension - Pad Width inch	1.98 in
Dimension - Strip Length inch	3-5/16
Dimension - Stud Size fraction	1/2
Dimension - Thread Size	1/2
Dimension - Z (inch)	0.54 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

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 - Copper Str Size	650 KCMIL
Conductor - Copper Str Size Range	650 kcmil
Conductor - Material	COPPER
Conductor Size	650 KCMIL
Conductor Type	FLEX
Wire Size	650 KCMIL

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	6
Minimum Pack Quantity	6
Pallet Quantity	1740

Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - SE208075](#)
[Specifications - YA40TC12FXB](#)
[Video - HYDENT Compression Terminal Overview Video](#)



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