



YA38TC12FXB, Compression Terminal, 500 kcmil H,I,K, 550 kcmil G,H,I, 535 DLO, Cu, 1-Hole, 1/2" Stud, Long Barrel



By Burndy
Catalog # YA38TC12FXB

500 kcmil H,I,K / 550 kcmil G,H,I,535 DLO CU, One Hole, 1/2 Stud
Size, Long Barrel, Bell End, Tin Plated, UL/CSA, 90°C, Up to
35kV, Pink Color Code, L99 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	YA38TC12FXB
Color Code	Pink
Connector Type	LONG BARREL
Die Index	L99
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	781810529331
UPC 12 Digit	7818105293311

Dimensions

Dimension - B Length inch	3.08 in
Dimension - Bolt Size fraction	3/8
Dimension - Bolt Size inch	0.38
Dimension - Hole Size fraction	3/8
Dimension - Hole Size inch	0.41
Dimension - Hole Size mm	10.4 mm
Dimension - L Length Overall mm	129 mm
Dimension - Length Overall inch	5.07 in
Dimension - Pad Width inch	1.84 in
Dimension - Strip Length inch	3-1/16
Dimension - Stud Size fraction	3/8
Dimension - Stud Size inch	1/2
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper DLO Size	535 KCMIL
Conductor - Copper DLO Size	535 kcmil
Range	
Conductor - Copper Flex G Size	550 KCMIL
Conductor - Copper Flex G Size	550 kcmil
Range	
Conductor - Copper Flex H Size	500-550 KCMIL
Conductor - Copper Flex H Size	500 / 550 kcmil
Range	
Conductor - Copper Flex I Size	500-550 KCMIL
Conductor - Copper Flex I Size	500 / 550 kcmil
Range	
Conductor - Copper Flex K Size	500 KCMIL
Conductor - Copper Flex K Size	500 kcmil
Range	
Conductor - Copper Str Size	500-550 KCMIL
Conductor - Copper Str Size	500 / 550 kcmil
Range	
Conductor - Material	COPPER
Conductor Size	500-550 KCMIL
Conductor Type	FLEX
Wire Size	500-550 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 - RoHS Compliance	CM
Status	
UL Listed	Yes

Logistics

Carton Quantity	6
Minimum Pack Quantity	1
Pallet Quantity	1776

Product Assets

[3D Models - YA38TC12FXB_MODEL-PDF](#)
[3D Models - YA38TC12FXB_MODEL-STEP](#)
[3D Models - YA38TC12FXB_MODEL-IGES](#)
[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
[Customer Notices - Prop 65 Notice](#)
[Installation Manuals - Copper Flex Long Terminals Tooling and Installation Instructions](#)
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
[Sales Drawings - SE208075](#)
[Video - HYDENT Compression Terminal Overview Video](#)



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
BRDY-YA38TC12FXB-SPEC-EN | REV 8/2024