



YA8CL245G1, 8 AWG Cu, Standard Barrel, 45 Degree

By Burndy

Catalog # [YA8CL245G1](#)

Copper Compression Terminal



Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Standard barrel length is recommended for installations with limited space availability
- 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

Application

Wire Termination

Specifications

Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Certification - ETL	No
Standards - Industry Standards Met	UL467
Standards - RoHS Compliance Status	CM
UL Listed	Yes
Certification - CSA Approved	No

Conductor

Conductor - Material	COPPER
Wire Size	8 AWG
Conductor - Copper Flex K Size Range	8 AWG
Conductor - Copper Flex K Size	"8 AWG"
Conductor - Copper Flex M Size Range	8 AWG
Conductor - Copper Flex M Size	"8 AWG"
Conductor - Copper Str Size	"8 AWG"
Conductor - Copper Flex I Size Range	8 AWG
Conductor - Copper Flex G Size	"8 AWG"
Conductor - Copper DLO Size Range	8 AWG
Conductor - Copper Str Compact Size	"8 AWG"
Conductor - Copper DLO Size	8 AWG
Conductor Size	8 AWG

Conductor - Copper Flex H Size	"8 AWG"
Conductor - Copper Flex G Size Range	8 AWG
Conductor - Copper Str Navy Size	23
Conductor - Copper Solid Size	6 Sol-8 Sol
Conductor - Copper Solid Size Range	8-6 Sol
Conductor - CopperWeld Str Size Range	8 A AWG-8 D AWG
Conductor - CopperWeld Str Size	• 8 A AWG • 8 C AWG • 8 D AWG
Conductor Type	CODE/FLEX
Conductor - Copper Str Size Range	8 AWG
Conductor - Copper Flex H Size Range	8 AWG
Conductor - Copper Flex I Size	"8 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	0.52 in
Package Height	0.000 in
Dimension - Hole Size fraction	5/16
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - L Length Overall mm	35 mm
Dimension - Outside Diameter inch	0.27 in
Dimension - Hole Size mm	10 mm
Dimension - Hole Size inch	0.38
Dimension - Strip Length inch	1/2
Dimension - Stud Size inch	5/16
Dimension - Stud Size fraction	5/16

Dimension - Bolt Hole Size inch	0.33 in	Plated	Y
Dimension - Bolt Size fraction	5/16	Color Code	Red
Physical Attribute - Tongue	45 Degree	UPC	781810137857
Angle		Type	Standard Barrel, Tin Plated
Angle - Pad	45 °	Material	Copper
Dimension - B Length fraction	7/16 in	Plating Type	Tin - Electro Plated
Dimension - Z inch	0.52 in	Finish Type	Tin-Plated
Dimension - B Length inch	0.43 in	UPC 12 Digit	781810137857
Dimension - D inch	0.86 in	UPC 14 Digit GTIN	00781810137857
Dimension - N inch	0.34 in		
Dimension - Bolt Size inch	0.3125		
Dimension - Length Overall inch	1.38 in		
General			
Trade Name	HYLUG™		
Die Index	49		
Feature - Barrel Type	Standard		
Feature - Barrel Style	Chamfered		
Logistics			
		Minimum Pack Quantity	1
		Carton Quantity	50
Operational			
		Temperature Rating	194
Product Assets			
Catalog [English]			

