Product: 8910

Lead Wire, #10 Str TC, PVC Ins, AWM 1015 AWM 1230

Request Sample

Product Description

Low Temp Plastic Lead Wire, 10AWG (105x30) Tinned Copper, PVC Insulation, AWM 1015 AWM 1230 CSA TYPE TEW JQA-F 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, internal wiring of appliances, machine tool wire

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
10	105x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.176 in	0.033 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

Non-UL Temp Rating:	105°C
UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	44.1 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.71 in

Standards

NEC Articles:	Article 310
NEC/(UL) Compliance:	MTW or TW
UL AWM Style Compliance:	AWM 1015, AWM 1230
CSA Rating:	600 V, 105°C
CSA AWM Compliance:	CSA AWM I A/B
CSA Type:	AWM I A/B or TEW

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes

EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
8910 010500	Black	Reel	500 ft	612825218258
8910 0102000	Black	Reel	2,000 ft	612825218241
8910 013500	Blue, Dark	Reel	500 ft	612825218289
8910 0012000	Brown	Reel	2,000 ft	612825218043
8910 005500	Green, Dark	Reel	500 ft	612825218159
8910 002500	Red	Reel	500 ft	612825218098
8910 009500	White	Reel	500 ft	612825218197

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.359 Revision Date: 12-15-2021

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