Product: 30820

Lead Wire, #20 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3069

Request Sample

Product Description

Rubber Lead Wire, 20AWG (10x30) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3069 CSA SEWF-2 600V 150C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B), 155(F) or 180(H) insulation systems, internal wiring of lighting fixtures and appliances, high temperature applications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	10x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Wall Thickness
Silicone Rubber	0.032 in

Outer Jacket

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.122 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	150°C
Operating Temperature Range:	-70°C To +150°C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	9 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.49 in

Standards

UL AWM Style Compliance:	AWM 3069
CSA Rating:	600 V, 150°C
CSA Type:	SEWF-2

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)
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	Horizontal
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
30820 010500	Black	Reel	500 ft	612825140849
30820 009500	White	Reel	500 ft	612825140832

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

History

Update and Revision:	Revision Number: 0.375 Revision Date: 05-05-2023

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