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Product: 9867

Lead Wire, #20 Str TC, Conductive PO/PO Ins, PVC Jkt, AWM 3239

Request Sample

Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) Tinned Copper, Conductive PO/PO Insulation, PVC Outer Jacket, AWM 3239 80C

Technical Specifications

Product Overview

Suitable Applications:	internal wiring of electronic equipments, high voltage applications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.051 in

Table Notes:	.003 in. conductive polyethylene over stranding.

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.201 in	0.028 in

Electrical Characteristics

High Frequency (Nominal/Typical)

Nom. Insertion Loss
6 dB/100m
6 dB/100m
6 dB/100m
6 dB/100m

Unbalanced Crosstalk

Typical Unbalanced NEXT %
6 MHz

Voltage

Breakdown Voltage	Non-UL Description	Non-UL Voltage Rating	UL Voltage Rating
60,000 V (DC)	AC (60 Hertz)	11,000 V RMS	30,000 V DC

Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-30°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	19 lbs/1000ft
Max. Pull Tension:	15 lbs
Min. Bend Radius/Minor Axis:	3 in

Standards

UL AWM Style Compliance:	AWM 3239

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
UL voltage rating:	30,000 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
9867 002500	Red	Reel	500 ft	612825259749

History

Update and Revision:	Revision Number: 0.393 Revision Date: 12-15-2021

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