



Product: [34020](#)

Lead Wire, #20 Str TC, Silicone Ins, AWM 3123

[Request Sample](#)

Product Description

Low Temp Rubber Lead Wire, 20AWG (105x40) Tinned Copper, Silicone Insulation, AWM 3123 600V 150C

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | mercury switches, internal wiring of appliances, high temperature applications, flexing applications |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 20 | 105x40 | TC - Tinned Copper | 1 |

| | |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

Insulation

| Material | Nominal Wall Thickness |
|-----------------|------------------------|
| Silicone Rubber | 0.032 in |

Electrical Characteristics

Voltage

| UL Voltage Rating |
|-------------------|
| 600 V RMS |

Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 150°C |
| UL Temp Rating: | 150°C |

Mechanical Characteristics

| | |
|-----------------------------|--------------|
| Bulk Cable Weight: | 8 lbs/1000ft |
| Min Bend Radius/Minor Axis: | 0.44 in |

Standards

| | |
|--------------------------|-------------------|
| UL AWM Style Compliance: | UL AWM Style 3123 |
|--------------------------|-------------------|

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 II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |

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

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| UL voltage rating: | 600 V RMS |
|--------------------|-----------|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|-------|------------|----------|--------------|
| 34020 0082000 | Gray | Reel | 2,000 ft | 612825143604 |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.303 Revision Date: 11-17-2020 |
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