



Product: [33390](#)

Lead Wire, #1/0 Str TC, Silicone Ins, AWM 3214

Request Sample

Product Description

Low Temp Rubber Lead Wire, 1/0AWG (262x24) Tinned Copper, Silicone Insulation, AWM 3214 CSA TYPE AWM 600V 150C

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Class 155(F) or Class 180(H) motor lead systems , high temperature applications, internal wiring of lighting fixtures and appliances |
|------------------------|--|

Physical Characteristics (Overall)

| Conductor | | | |
|------------------|-----------|--------------------|-------------------|
| AWG | Stranding | Material | No. of Conductors |
| 1/0 | 262x24 | TC - Tinned Copper | 1 |
| Conductor Count: | | | 1 |

| Insulation | |
|-----------------|------------------------|
| Material | Nominal Wall Thickness |
| Silicone Rubber | 0.084 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

| | |
|--------------------------------|--------------------------|
| Recommended Max Baking Cycles: | 24 Hours @ 410°F (210°C) |
| Bulk Cable Weight: | 108.3 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 2.38 in |

Standards

| | |
|--------------------------|--------------|
| UL AWM Style Compliance: | AWM 3214 |
| CSA Rating: | 600 V, 150°C |
| CSA AWM Compliance: | CSA AWM I B |
| CSA Type: | AWM |

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

| | |
|--------------------|-----------|
| CSA Flammability: | FT2 |
| UL voltage rating: | 600 V RMS |

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|--------------|-------|-------------|--------|--------------|
| 33390 010250 | Black | Reel | 250 ft | 612825143499 |

| | |
|-----------|--|
| Footnote: | C - CRATE REEL PUT-UP., F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |
|-----------|--|

Product Notes

| | |
|--------|---|
| Notes: | Recommended Maximum Baking Cycles: 24 hours @ 410°F (210°C) |
|--------|---|

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.361 Revision Date: 05-05-2023 |
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