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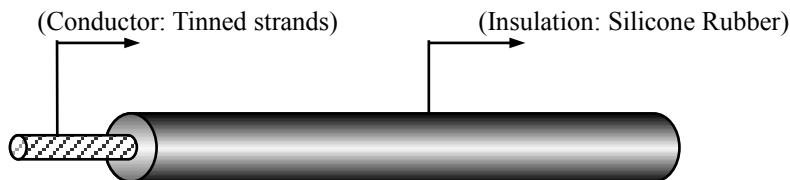
[CNC Tech](#)

[3239-20-1-0500-001-1-TS](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**P/N 3239-20-1-0500-0XX-1-TS**



**UL3239 - Silicone Rubber Wire 150°C 3KV (20 AWG)**

|  |  |
|--|--|
| <b>CONSTRUCTION:</b>                         | Tinned Strands, copper conductor, 21/0.18mm strands.<br>Overall Diameter = 1.85mm (+ 0.10mm – 0.03mm)<br>Insulation Thickness: 0.55mm  |
| <b>CERTIFICATION &amp; APPROVALS:</b>        | DUAL-RATED AWM: Can be used in USA and Canada<br>UL Subject 758 UL FILE NO:E108485<br>CSA Standard CSA FILE NO:LL84687<br>Printed Markings:<br>"AWM 3239 150°C 3KVDC VW-1 20AWG E108485-S<br>REIHSING CSA TYPE TV-3 150°C 3KVDC 20AWG LL84687<br>FT1 SILICONE RUBBER"<br>Passes UL VW-1 & CSA FT1 Vertical Flame Test. |
| <b>PHYSICAL &amp; ELECTRICAL PROPERTIES:</b> | Rated Temperature: 150°C ~ -50°C<br>Rated Voltage: 3KV<br>Insulation Potential Strength: 6000 VAC/min<br>High flexibility: Soft silicone rubber material.<br>Maximum Conductor Resistance: 39.5Ω/km<br>Resistant to: Oil, extremes of hot & cold, flexing, high Voltage spikes.  |
| <b>APPLICATIONS:</b>                         | Silicone rubber wire, has high temperature resistance and high flexibility in confined spaces. Suitable for use in LED TVs, Laptops, Microwaves, Photocopiers, Scanners.   |
| <b>PACKAGING:</b>                            | 500ft per reel.  |
| <b>ENVIRONMENTAL APPROVALS:</b>              | Conforms to all current RoHS directives as laid out in EU Directive 2011/65/EC.<br>Current SGS reports for this wire are available upon request.   |

**P/N's & COLORS**

|                                  |                                  |                                   |                                |                                 |
|----------------------------------|----------------------------------|-----------------------------------|--------------------------------|---------------------------------|
| 3239-20-1-0500-001-1-TS<br>BLACK | 3239-20-1-0500-002-1-TS<br>WHITE | 3239-20-1-0500-003-1-TS<br>YELLOW | 3239-20-1-0500-004-1-TS<br>RED | 3239-20-1-0500-005-1-TS<br>BLUE |
| 3239-20-1-0500-006-1-TS          | 3239-20-1-0500-007-1-TS          | 3239-20-1-0500-008-1-TS0          | 3239-20-1-0500-010-1-TS        | 3239-20-1-0500-011-1-TS         |