### Electrical

- **Inductance Range:** .022µh to 1000µh.
- **Tolerance:** 10% over entire range.
- **Rated Current:** Based on Inductance Drop <10ºC at rated current.
- **Test Procedures:**
  - L and Q measured with HP4342A Q-Meter at specified Frequency.
  - DCR measured on CH-301.
  - SRF measured on HP-4191A, HP4291B.
- **Dielectric Strength:** 1000 Volts R.M.S. at sea level.
- **Operating Temp.:** -55°C to +125°C.

### Physical

- **Marking (on part):** 5 Band Color Code per MIL-C-15305.
- **Marking (on reel):** Manufacturers Name, Part Number, Customers Part Number, Invoice Number, Lot or Data Code.

### Packaging

- **(bulk):** 1000 pieces per bag.
- **(reel):** 5000 pieces per reel. For Tape and Reel packaging please add "-TR" to the part number.
### Axial Molded Inductors AM20

#### Dimensions:

- **Inches** (mm)
- 24 AWG
- 0.250±0.01
- 1.15 (29)
- 0.095±0.01
- 2.41±0.25

#### All specifications subject to change without notice.

<table>
<thead>
<tr>
<th>Allied Part Number</th>
<th>Inductance (µH)</th>
<th>Tolerance (%)</th>
<th>Q Min.</th>
<th>Test Freq. (MHz)</th>
<th>SRF Min. (MHz)</th>
<th>DCR Max. (Ω)</th>
<th>Rated Current (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM20-271K-RC</td>
<td>270</td>
<td>10</td>
<td>30</td>
<td>.79</td>
<td>8.0</td>
<td>25.0</td>
<td>47</td>
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<td>AM20-331K-RC</td>
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<td>28.0</td>
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<td>AM20-471K-RC</td>
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<td>.79</td>
<td>6.0</td>
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<tr>
<td>AM20-561K-RC</td>
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<td>.79</td>
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<tr>
<td>AM20-102K-RC</td>
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<td>30</td>
<td>.79</td>
<td>3.4</td>
<td>72.0</td>
<td>28</td>
</tr>
</tbody>
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