Axial Molded Power Chokes APC45

**Features**

- Axial Leaded Power Chokes.
- Available in Bulk, Tape and Reel or Ammo Pack.
- Available with Optional UL Shrink Tubing.

**Electrical**

- **Inductance Range**: 15µh - 27µh, Available from 3.9µh to 100µh
- **Tolerance**: 10% over entire inductance range. Available in tighter tolerances.
- **Test Frequency for (L)**: 15.5kHz, 0.1v
- **Operating Temp**: -40°C to +85°C
- **Isat**: DC current at which the inductance drops 10% typ from its initial value without current.
- **Irms**: DC current based on 300 circular mils per Amp.
- **MLS**: 1

**Test Equipment**

- (L) & (Q): HP 4342A & HP4285A
- DCR: CH301 Current Source and DCR Meter.

**Physical**

- **Packaging**: 200 pieces per tape and reel, 50 pieces per bag.
- **Marking**: With optional tubing parts marked with EIA Inductance Code.

---

**Dimensions**

<table>
<thead>
<tr>
<th>Allied Part Number</th>
<th>Inductance (µH)</th>
<th>Tolerance (%)</th>
<th>DCR Max. (Ω)</th>
<th>Isat (A)</th>
<th>Irms (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>APC45-153K-RC</td>
<td>15</td>
<td>10</td>
<td>0.015</td>
<td>17.5</td>
<td>4.30</td>
</tr>
<tr>
<td>APC45-223K-RC</td>
<td>22</td>
<td>10</td>
<td>0.017</td>
<td>17.5</td>
<td>4.00</td>
</tr>
<tr>
<td>APC45-273K-RC</td>
<td>27</td>
<td>10</td>
<td>0.019</td>
<td>5.0</td>
<td>4.00</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.