Series 1641R
1641
Molded Shielded RF Coils

Military Specifications
MS75087 (LT10K); MS75088 (LT10K);
MS75089 (15µH to 1000µH only) (LT10K)

Physical Parameters

<table>
<thead>
<tr>
<th>Inches</th>
<th>Millimeters</th>
<th>AWG #22 TCW</th>
<th>Lead Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.410 ± 0.020</td>
<td>10.41 ± 0.51</td>
<td>0.025 ± 0.002</td>
<td>0.635 ± 0.05</td>
</tr>
<tr>
<td>0.162 ± 0.010</td>
<td>4.11 ± 0.25</td>
<td>1.44 ± 0.12</td>
<td>36.58 ± 3.05</td>
</tr>
</tbody>
</table>

Current Rating at 90°C Ambient 15°C Rise
Operating Temperature Range −55°C to +105°C
Maximum Power Dissipation at 90°C 0.11 W
Weight Max. (Grams) 1.0

Incremental Current Current level which causes a Max. of 5% change in inductance.
Coupling 3% Max.

Packaging Tape & reel: 12” reel, 2500 pieces max.; 14” reel, 4000 pieces max. For additional packaging options, see technical section.

Made in the U.S.A.

See 4307 Series (page 53) for values above 1000µH.

Parts listed above are QPL/MIL qualified

Optional Tolerances: J = 5% H = 3%

*Complete part # must include series # PLUS the dash #

For further surface finish information, refer to TECHNICAL section of this catalog.