ATC 0402 LPF Series
LGA Thin Film
Low Pass Filters

Features:

• Cut-Off Frequency (typ):
  2484 MHz to 6000 MHz

• Characteristic Impedance: 50Ω

• Low Insertion Loss: 0.35 dB typ.

• Operating Temp: -40˚C to +85˚C

• Low Profile LGA/SMT EIA Package

• Pb Free / RoHS Compliant

ATC’s 0402 LPF Series Thin Film SMT Low Pass Filters offer superb high frequency performance in a low profile LGA style EIA package. The LPF Series is offered in a broad range of selected cut-off frequencies making them well suited for wireless frequency applications. Their superb performance provides an excellent drop-in solution for the most critical filter applications. The LPF Series exhibits excellent passband insertion loss, stop-band rejection and matching characteristics.

The LPF 0402 filter Series is fully tested to meet or exceed electrical, environmental and mechanical specifications. They are supplied in tape and reel making them fully compatible with high speed automated pick-and-place manufacturing.

Applications:

• Wireless communications
• WLAN’s (802.11)
• Public Safety Radio (P25)
• LTE
• ISM
• Global Navigation Satellite Systems (GNSS)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Passband (MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPF04022484LT</td>
<td>DC to 2484</td>
</tr>
<tr>
<td>LPF04022740LT</td>
<td>DC to 2740</td>
</tr>
<tr>
<td>LPF04023600LT</td>
<td>DC to 3600</td>
</tr>
<tr>
<td>LPF04025350LT</td>
<td>DC to 5350</td>
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<tr>
<td>LPF04025650LT</td>
<td>DC to 5650</td>
</tr>
<tr>
<td>LPF04026000LT</td>
<td>DC to 6000</td>
</tr>
</tbody>
</table>
ATC 0402 LPF SERIES THIN FILM LOW PASS FILTER

For additional information and catalogs contact your ATC representative or call direct at +1-631-622-4700. Consult factory for additional performance data.

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ATC Part Number Code

LPF 0402 2484 L T T

Low Pass Filter
Case Size: 4 digits
Passband: 4 digits
Style: L = LGA, C = Chip

Packaging
T = Tape and Reel, std.
Termination
T = Tin Termination

The above part number refers to a Low Pass Filter, (EIA case size 0402), Passband DC to 2484 MHz, Land Grid Array (LGA) Style, Tin Termination

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American Technical Ceramics

ATC // AVX Thin Film Technologies
atcsales@atceramics.com

ATC North America
sales@atceramics.com

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www.atceramics.com