ITF TECHNOLOGY
The ITF SMD Filter is based on thin-film multilayer technology. The technology provides a miniature part with excellent high frequency performance and rugged construction for reliable automatic assembly. The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES:
• Small size: 1206
• Frequency: 1500MHz
• Sharp attenuation slope
• Characteristic impedance: 500hm
• Operating / Storage temp: -40°C ÷ +85°C
• Low profile
• Rugged construction
• Taped and reeled
• Power handling: 8W

APPLICATIONS:
• Mobile communications
• Satellite TV receivers
• GPS
• Vehicle location systems
• Wireless LAN’s

FINAL QUALITY INSPECTION:
Finished parts are 100% tested for electrical parameters and visual/mechanical characteristics. Each production lot is evaluated on a sample basis for:
• Static Humidity: 85°C, 85% RH, 160 hours
• Endurance : 125°C, IR, 4 hours

TERMINATION:
Nickel/Lead-Free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

PART NUMBER CODE:
LP 1206 A XXXX ASTR

Frequency
(MHz)
High Performance Low Pass Filter
LP1206A1500ASTR

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>P/N</th>
<th>I.Loss @ 1500MHz</th>
<th>R.Loss @ 1500MHz</th>
<th>ATTENUATION [min.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP1206A1500ASTR</td>
<td>0.8dB max.</td>
<td>-15dB</td>
<td>-30dB at 2000-3000MHz</td>
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<td></td>
<td>-25dB at 3000-4000MHz</td>
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<td></td>
<td></td>
<td></td>
<td>-20dB at 4500-6000MHz</td>
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</tbody>
</table>

The Important Information/Disclaimer is incorporated in these specifications by reference and should be reviewed in full before placing any order.