Features
• Narrow Bandwidth
• Excellent Rejection
• Excellent Return Loss

Description
Surface mount, silver (Ag) coated ceramic filter. Developed for use in CATV applications.

Weight: 16.0 grams typical

Material: Filter is composed of a ceramic block plated with Ag.

Filter complies with RoHS standards.

Electrical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Frequency (MHz)</th>
<th>Typical @ 25°C</th>
<th>Spec. @ 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passband Insertion Loss</td>
<td>1052-1056</td>
<td>4.03 dB</td>
<td>4.03 dB max</td>
</tr>
<tr>
<td>Passband Return Loss</td>
<td>1052-1056</td>
<td>15.6 dB</td>
<td>15.6 dB min</td>
</tr>
<tr>
<td>Attenuation</td>
<td>1029</td>
<td>60.2 dB</td>
<td>60.2 dB min</td>
</tr>
<tr>
<td>Attenuation</td>
<td>1044</td>
<td>24.2 dB</td>
<td>24.2 dB min</td>
</tr>
<tr>
<td>Attenuation</td>
<td>1064</td>
<td>24.3</td>
<td>24.3 dB min</td>
</tr>
<tr>
<td>Attenuation</td>
<td>1079</td>
<td>70.2</td>
<td>70.2 dB min</td>
</tr>
<tr>
<td>Power into any port</td>
<td></td>
<td>1 Watt max</td>
<td></td>
</tr>
</tbody>
</table>

Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

Specification Allowance
Insertion Loss 0.1 dB
Return Loss 1.0 dB
Stopbands 1.0 dB


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**Mechanical Drawing**

- Dimensions and tolerances:
  - Dim A: 47.921 max
  - Dim B: 10.541 max
  - Dim C: 7.850 max
  - Dim D: 18.212 ± 0.127
  - Dim E: 18.212 ± 0.127
  - Dim F: 1.651 ± 0.127
  - Dim G: 0.635 ± 0.127
  - Dim I: 1.397 ± 0.127
  - Dim J: 0.635 ± 0.127

**Electrical response**

- Frequency response chart showing attenuation and return loss.

**PCB Layout**

- Diagram showing PCB layout with traces and components.

**Packaging and Marking**

- Part number: KFF6433A
- YWW marking
- 7 15 Slot Gray Foam Trays
- (210 max per box)