



Features

- ◇ For RF SAW filter
- ◇ Single-ended operation
- ◇ Ceramic Surface Mount Package
- ◇ Small size
- ◇ No matching required for operation at 50Ω
- ◇ RoHS compliant (2002/95/EC), Pb-free

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|---------|---------|---------|---------|
| Center Frequency | MHz | - | 468 | - |
| Insertion Loss | dB | - | 3.4 | 6.5 |
| 1dB Bandwidth | MHz | 2 | 5.2 | - |
| Passband Variation | dB | - | 0.3 | 1 |
| Ultimate Rejection | @463MHz | dB | 57 | - |
| | @458MHz | dB | 43 | - |
| Material Temperature coefficient | KHz/°C | | -15 | |
| Substrate Material | - | | 36LT | |
| Ambient Temperature | °C | | 25 | |
| Operating Temperature Range | °C | -25 | - | +55 |
| DC Voltage | V | | 0 | |
| Input Power | dBm | - | - | 10 |
| ESD Class | - | | 1A | |
| Package Size | | SA04 | | |

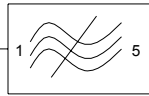
Notes:

1. All specifications are based on the test circuit shown;
2. In production, all specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature;
3. Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances;
4. This is the optimum impedance in order to achieve the performance show.

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|--|--|-------------|------------|----------|
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Matching Configuration

INPUT
50Ω

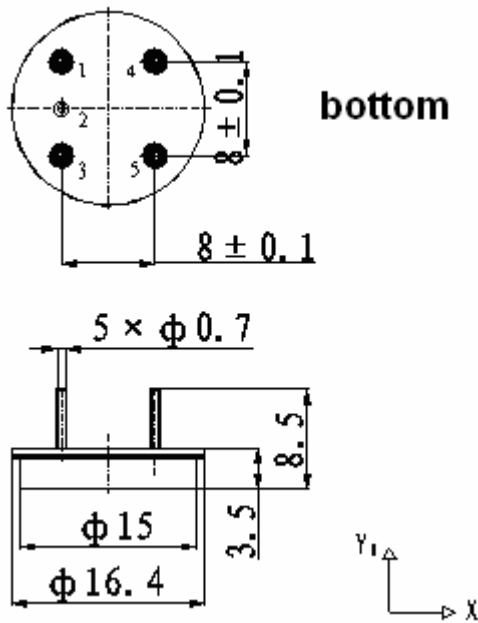


OUTPUT
50Ω

Source/Load Impedance=50 ohm

Notes - Component values may change depending
on board layout.

Package Dimension



Pad Configuration:

Input: 1

Output: 5

Ground: 2,3,4

Package: SA04

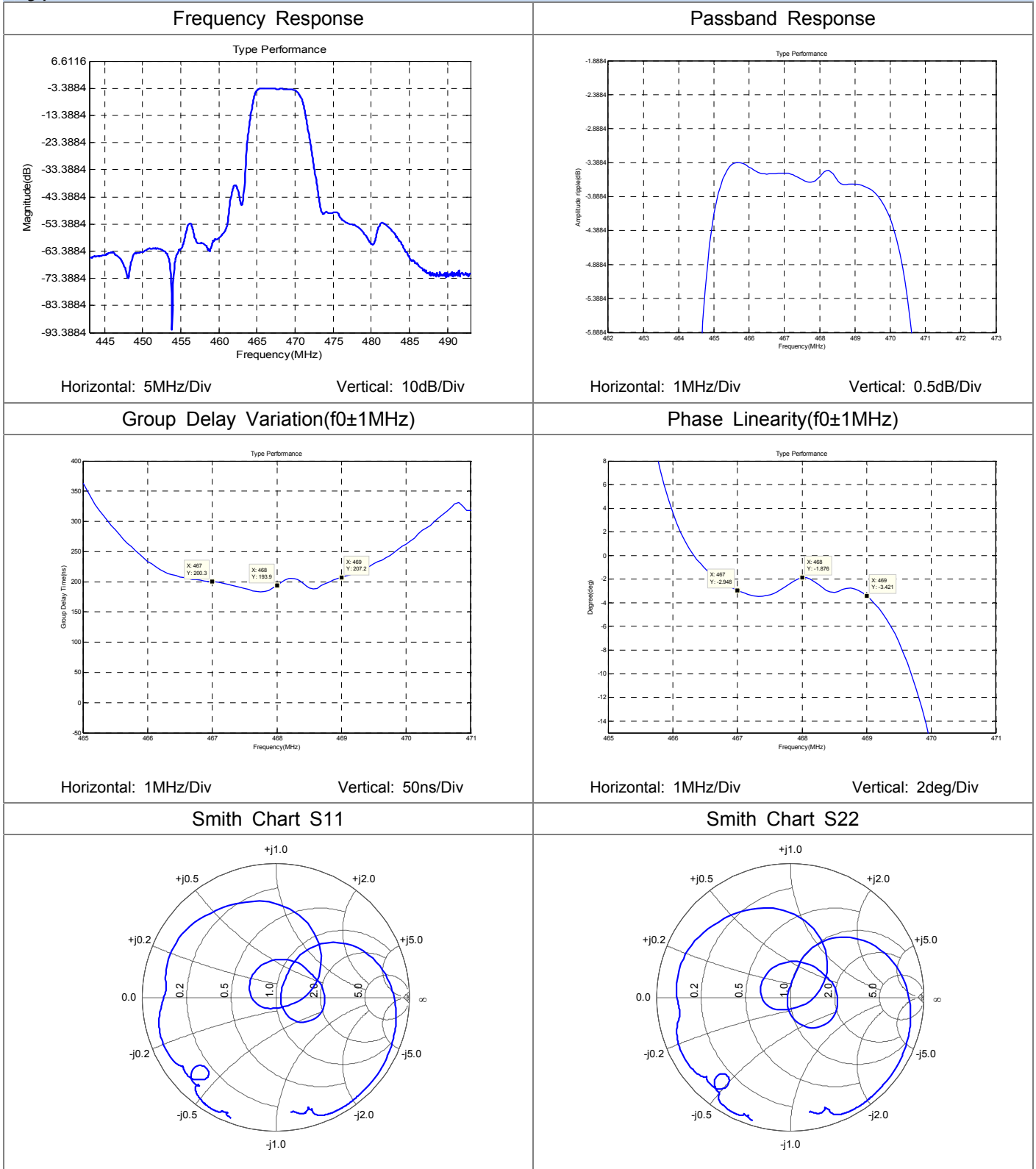
Unit: mm



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Typical Performance



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