

### Fixed Attenuator Chip

- ◆ DC to 10 GHz
- ◆ 1 dB
- ◆ 100mW

#### Features

- High attenuation accuracy
- Small VSWR
- Ceramic chip: 96% alumina
- Laser trimmed
- Low cost-high performance

#### Model No. Description

FACXXXX

XX- attenuation: \*\*dB.

XX- frequency range 06: DC to 6GHz  
 10: DC to 10GHz  
 12: DC to 12.4GHz  
 18: DC to 18GHz  
 26: DC to 26.5GHz.

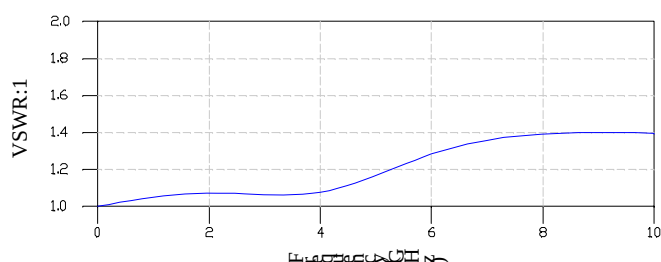
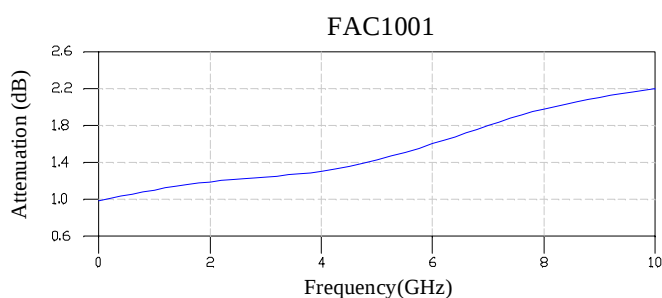
#### Specifications

|                                 |                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------|
| Frequency Range                 | DC to 10 GHz                                                                                         |
| Attenuation                     | 1 dB                                                                                                 |
| Attenuation Accuracy (Typical.) | $\pm 0.3$ dB DC to 4 GHz<br>$+ 0.3$ dB 4 to 6 GHz<br>$+ 0.3$ dB 6 to 8 GHz<br>$+ 0.5$ dB 8 to 10 GHz |
| Nominal Impedance               | 50 Ohm                                                                                               |
| Rated Input Power               | 100mW                                                                                                |
| Operating Temperature           | -55 °C to +150 °C                                                                                    |

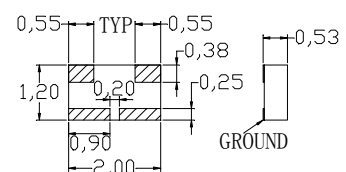
| FREQ. RANGE (GHz) | VSWR(:1) Typical |
|-------------------|------------------|
| DC to 4           | 1.05             |
| 4 to 6            | 1.10             |
| 6 to 8            | 1.15             |
| 8 to 10           | 1.20             |

#### Characteristic

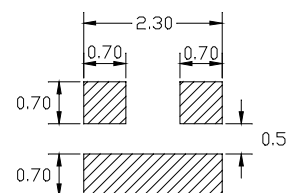
For example the testing curves of FAC1001



#### Package Outlines



#### Recommended Layout



Note: all dimensions shown in mm

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