

Fixed Attenuator Chip

- ◆ **DC to 8 GHz**
- ◆ **3 dB**
- ◆ **2 W**

Features

- Thin film
- High attenuation accuracy
- Small VSWR
- Ceramic chip: 99% alumina
- Laser trimmed
- Low cost-high performance

Model No. Description
FACXX XX X

X - Soldering method A,B or C
XX- attenuation: **dB.

XX- frequency range 06: DC to 6GHz
 08: DC to 8GHz
 10: DC to 10GHz
 12: DC to 12.4GHz
 18: DC to 18GHz
 26: DC to 26.5GHz

A:for wire-bonding

B:for lead free reflow

C:for triple reflow

Specifications

Frequency Range	DC to 8 GHz
Attenuation	3 dB
Attenuation Accuracy (Typical.)	±0.5 dB DC to 4 GHz ± 0.5 dB 4 to 8 GHz
Attenuation Stability	0.0001 dB/dB/°C
Nominal Impedance	50 Ohm
Rated Input Power	2 W
Operating Temperature	-55 °C to +150 °C

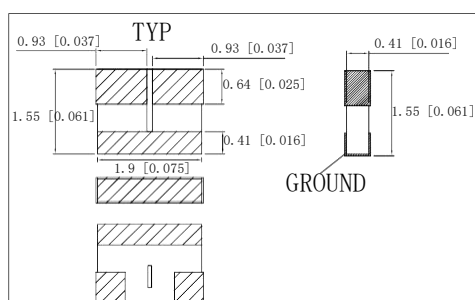
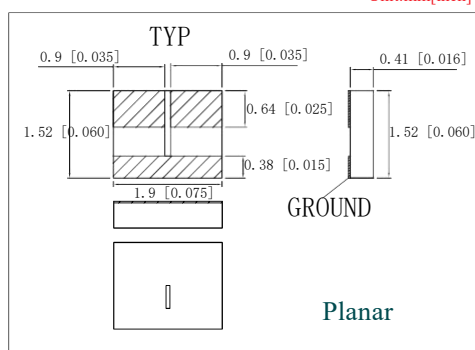
FREQ. RANGE (GHz)	VSWR(:1) Max.
DC to 4	1.25
4 to 8	1.35

Material Specification

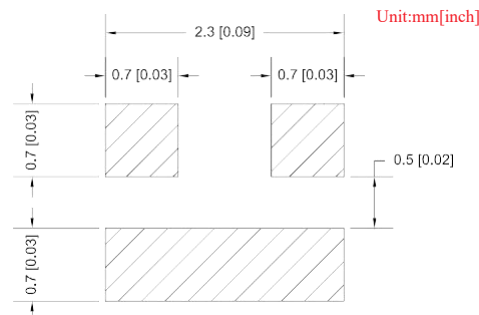
substrate	99% alumina
terminals	Gold over Tiw Gold thickness : 3 μ m
resistor	Tantalum nitride thin film

Package Outlines

Unit:mm[inch]


Recommended Layout

Unit:mm[inch]


Average Power Derating Curve
