FAC0810X

Fixed Attenuator Chip

Fixed Attenuator Chip

- **DC to 8 GHz**
- **10 dB**
- **1 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

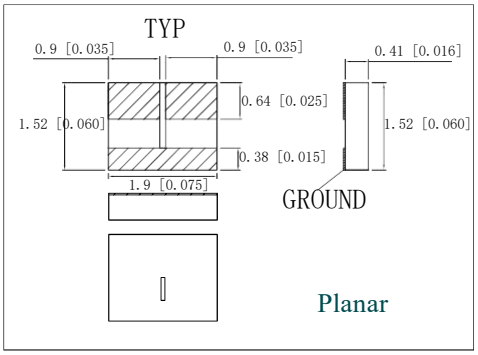
A:for wire-bonding

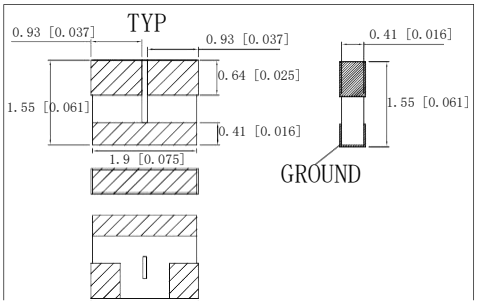
B:for lead free reflow

C:for triple reflow

Package Outlines

Unit:mm[inch]





Specifications

Frequency Range	DC to 8 GHz
Attenuation	10 dB
Attenuation Accuracy（Typical.）	
	±0.5 dB DC to 4 GHz
	± 0.5 dB 4 to 8 GHz
Attenuation Stability	0.0001 dB/dB/℃
Nominal Impedance	50 Ohm
Rated Input Power	1 W
Operating Temperature	-55 ℃ to +150 ℃

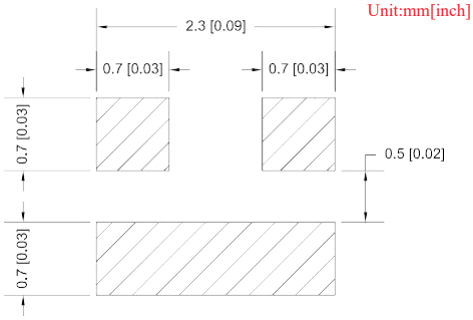
FREQ. RANGE (GHz)	VSWR(:1) Max.
DC to 4	1.25
4 to 8	1.35

Material Specification

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

Recommended Layout

Unit:mm[inch]



Average Power Derating Curve