

Fixed Attenuator Chip

- ◆ DC to 8 GHz
- ◆ 12 dB
- ◆ 0.75 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

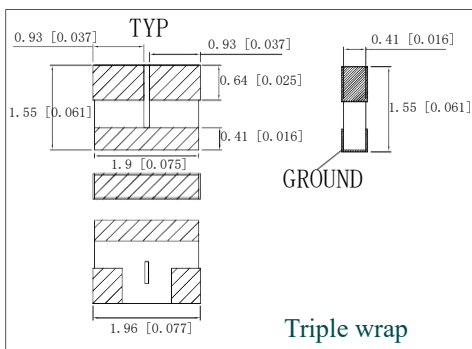
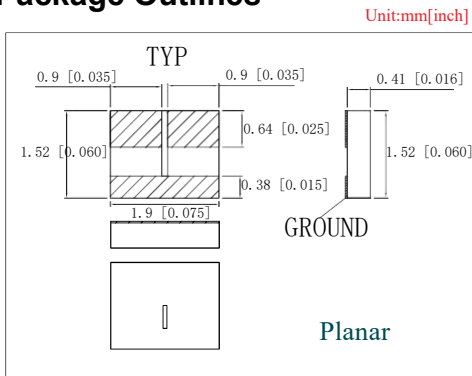
| | |
|---------------------------------|--|
| Frequency Range | DC to 8 GHz |
| Attenuation | 12 dB |
| Attenuation Accuracy (Typical.) | ±0.75 dB DC to 4 GHz + 0.5/-3 dB 4 to 8 GHz |
| Attenuation Stability | 0.0001 dB/dB/°C |
| Nominal Impedance | 50 Ohm |
| Rated Input Power | 0.75 W |
| Operating Temperature | -55 °C to +150 °C |

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

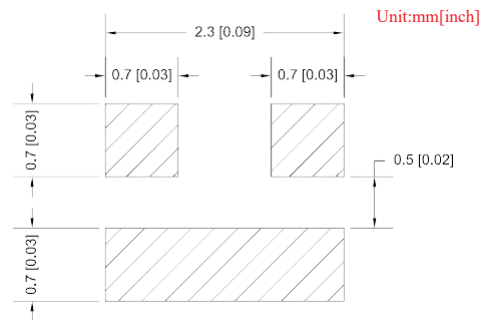
Material Specification

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

Package Outlines



Recommended Layout



Average Power Derating Curve

