

VFAT020-010

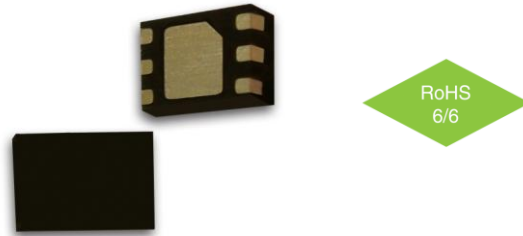
Fixed Attenuator

DC – 8.0 GHz



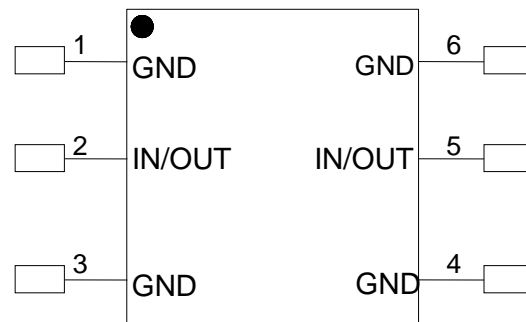
Features

- Wide band DC – 8.0 GHz
- Highly repeatable monolithic design
- Excellent flatness / VSWR
- Exposed paddle reduces thermal resistance
- Power handling: 0.5 watt
- Miniature 1.5 x 2.0 mm SLP package



Applications

- Wireless communications
- WLAN / WiMax
- SAT Radio
- ISM band equipment



TOP VIEW

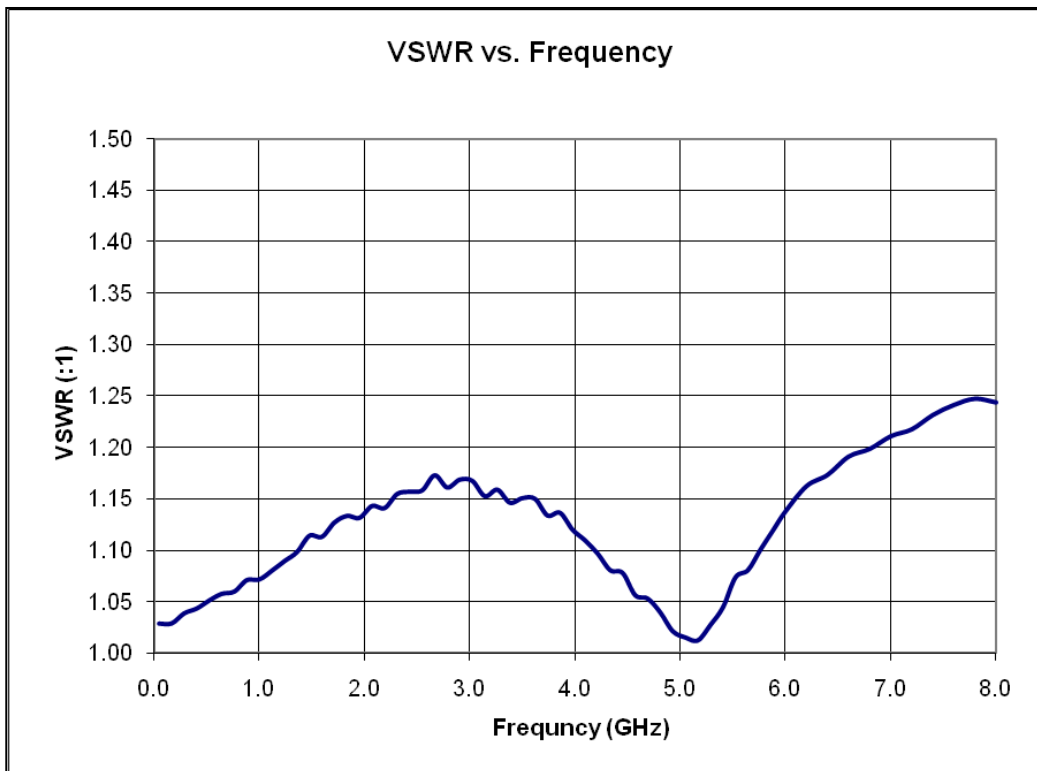
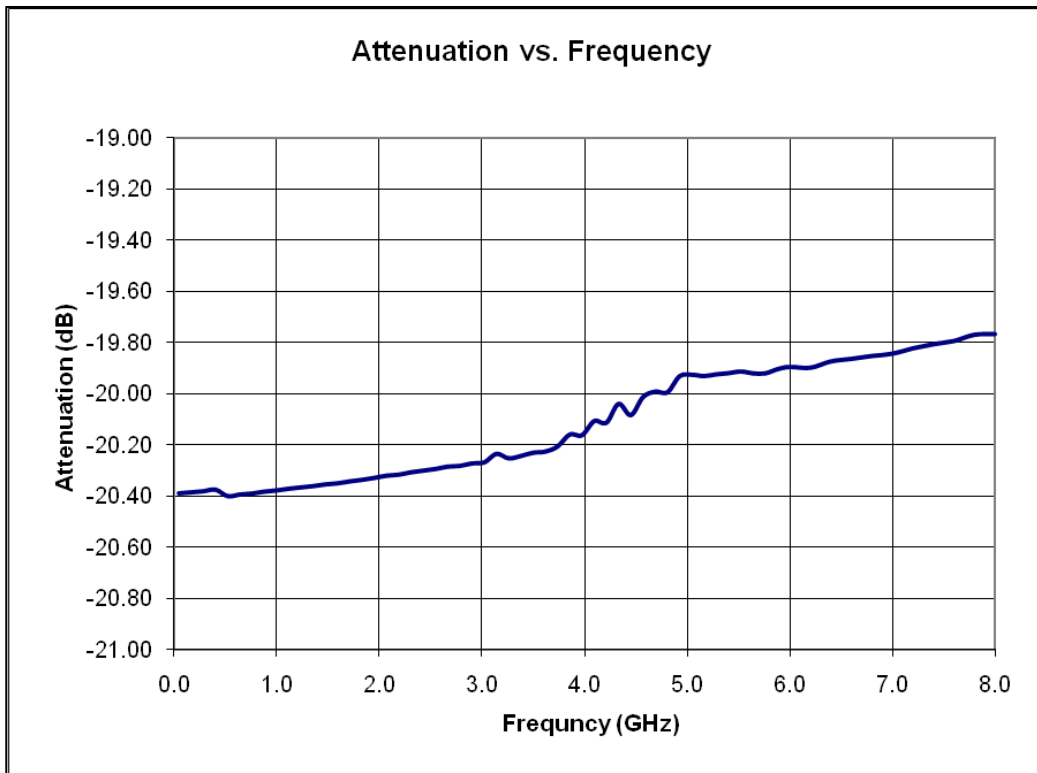
Description

The **VFAT020-010** is a miniature fixed attenuator optimized for the DC – 8.0 GHz band. The device is offered in an easy to use 1.5 x 2.0 mm surface mount leadless package and comes available in tape and reel. The **VFAT020-010** is a fully passive monolithic device that offers excellent flatness and low VSWR.

Electrical Specifications

Parameter	Symbol	Min	Typ	Max	Unit
Frequency	F	DC – 8.0			GHz
Attenuation Value (Nominal)		19	20.0	21	dB
Flatness			0.40		dB
VSWR			1.20		:1

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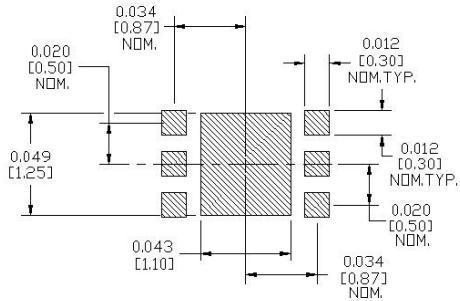
DC – 8.0 GHz



Absolute Maximum Ratings

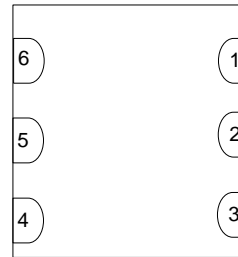
Parameter	Specifications
Operating Temperature	-40°C to +85°C
Storage Temperature	-65°C to +150°C
Power Handling	0.5W

Land Pattern



TOP VIEW
SUGGESTED PCB LAND PATTERN

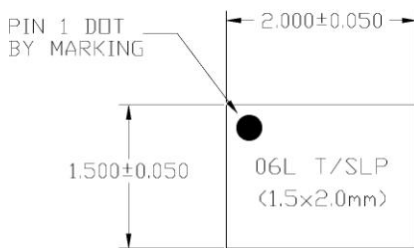
Pin Out



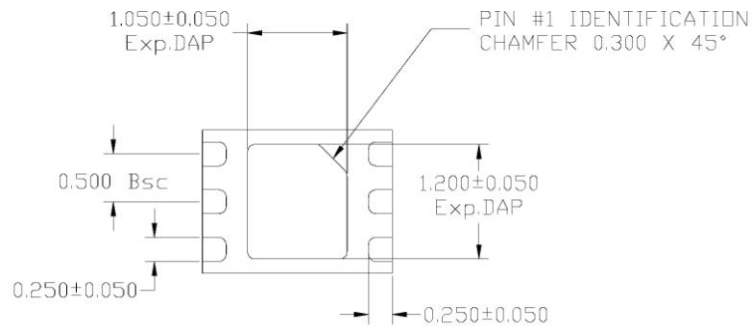
BOTTOM VIEW

Pin #	Connection
1	GND
2	IN/OUT
3	GND
4	GND
5	IN/OUT
6	GND

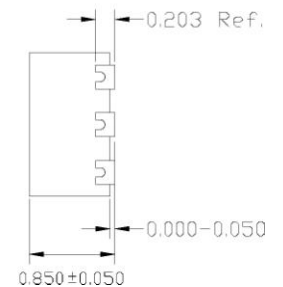
Outline Drawing



TOP VIEW



BOTTOM VIEW



SIDE VIEW

