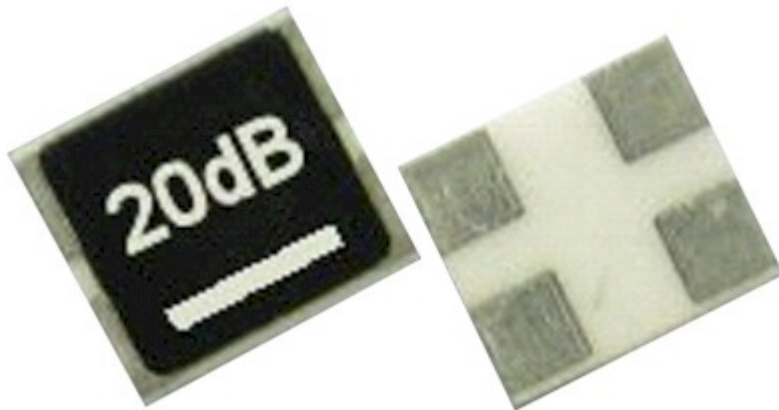
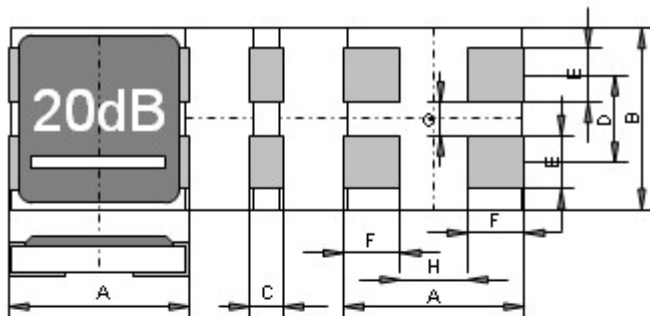


TFA001 SURFACE MOUNTED ATTENUATOR



Features and Applications

These are 2.5GHz-1W surface mounted, 4x4mm, attenuators with a 50ohm standard impedance. The RFA001 has 2.5GHz-1W power rating and a high durability against pulse / EMI accidents in small signal applications. Long life and temperature stability of the thin film technology enables better performance at a temperature range from -55C to +155C. Applications include: Impedance matching, gain control circuits, isolation circuits of power boost amplifiers, loss compensation of transmission line of data communication systems, detecting signal control of ATE-LSI test system-circuit board functional test systems, industrial measurement electronics, medical scientific electronics and miscellaneous communication systems.



Symbol	mm	inch
A	4.0 +/-0.2	0.157+/-0.008
B	4.0+/-0.2	0.157+/-0.008
C	(0.65)	(0.026)
D	2.0+/-0.1	0.079+/-0.004
E	(1.2)	(0.047)
F	1.2+/-0.1	0.047+/-0.004
G	0.8+/-0.1	0.032+/-0.004
H	1.6+/-0.1	0.063+/-0.004

Specifications and Performances

Attenuation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 40 dB
Tolerance of Attenuation (at DC)	1-9dB: ± 0.3dB, 10dB: ± 0.5dB, 20dB: ± 1dB
Frequency Range	0-10dB: DC- 2.5GHz, 20dB: DC-600MHz
Volt Standing Wave Ratio	<1.2(0-10dB, DC-2.5GHz), (20dB: DC-600MHz)
Rating Power	1W
Characteristic Impedance	50 ohm
Tolerance of Impedance (at DC)	± 2 ohm

Ordering Information

Ordering P/N	Type	Impedance	Attenuation	Additional	Rating Power	Package
RFA00101 0 15dB Z01	RFA00101 0	50ohm	15dB	Z00	1 W	Tape Reel
RFA00101 0 20dB Z00	RFA00101 0	50ohm	20dB	Z00	1 W	Bulk
RFA00101 0 20dB Z01	RFA00101 0	50ohm	20dB	Z00	1 W	Tape Reel
RFA00101 0 10dB Z01	RFA00101 0	50ohm	30dB	Z00	1 W	Tape Reel