

Dielectric Chip Antenna



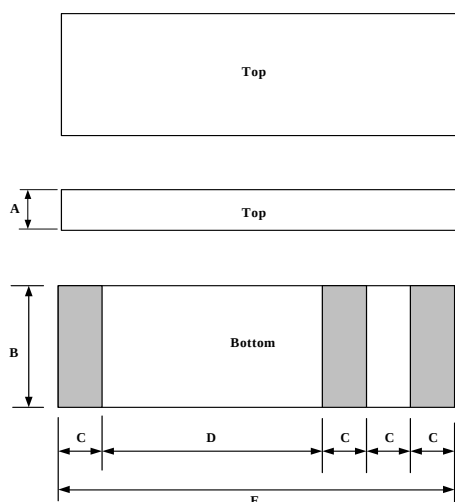
■ P/N : ACS2450KCAXX

This specification covers the dielectric chip antenna ACS2450KCAXX used in Bluetooth, WLAN and Jigbee etc

■ ELECTRICAL CHARACTERISTICS

ITEM				SPEC
Frequency Range				2400 ~ 2485 MHz.
VSWR				2.0 Max.
Polarization				Linear
Gain	Azimuth	Theta	Peak	2.31
			Average	-0.67
		Phi	Peak	-6.09
			Average	-10.95
	Elevation 1	Theta	Peak	0.25
			Average	-2.62
		Phi	Peak	3.39
			Average	-0.82
	Elevation 2	Theta	Peak	-12.05
			Average	-18.84
		Phi	Peak	3.61
			Average	0.33

■ MECHANICAL DIMENSION (unit : mm, tolerance : +/- 0.15)

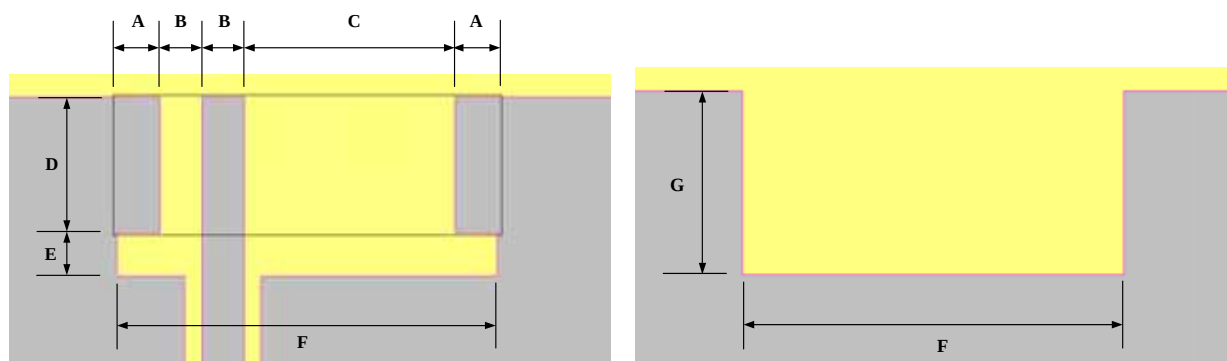


A	1.2
B	3.0
C	1.0
D	7.0
E	11.0

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FEEDING METHOD (unit : mm, tolerance : +/- 0.05)

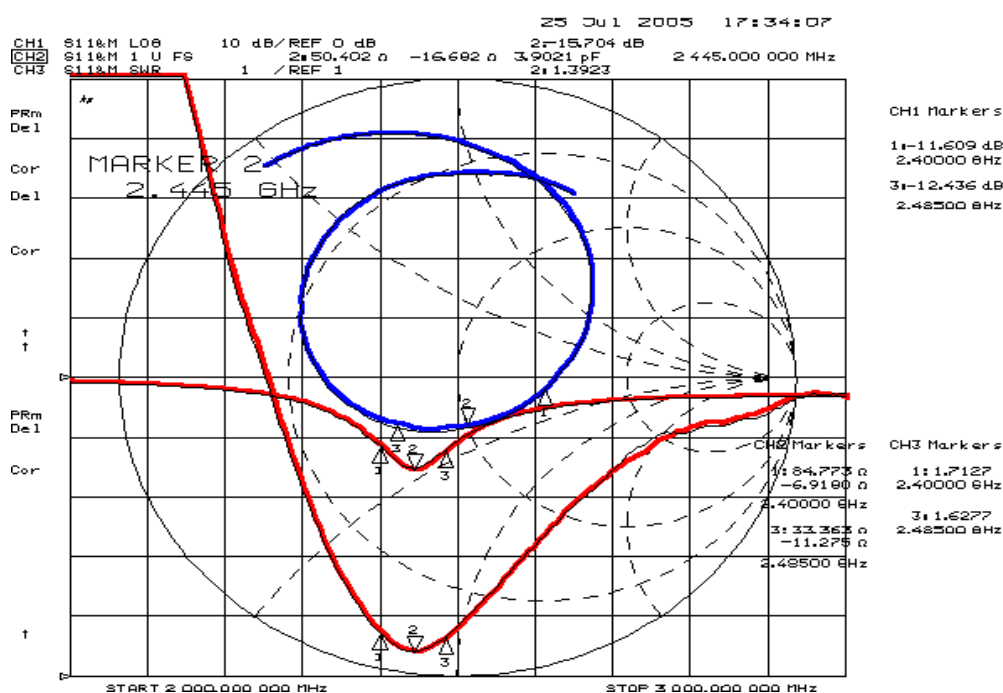


Top Pattern

Bottom Pattern

Parameter	A	B	C	D	E	F	G
Value[mm]	1.1	1.0	7.0	3.2	1.0	11.2	4.2

MEASUREMENT



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RADIATION PATTERN

