

Dielectric Chip Antenna



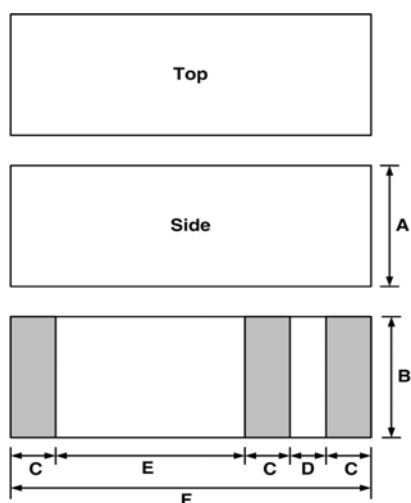
■ P/N : ACS2450HCCXX

This specification covers the dielectric chip antenna ACS2450HBAXX used in Bluetooth, WLAN and Jigbee etc

■ Test Result for ACS2450HBAXX

ITEM				SPEC
Frequency Range				2400 ~ 2485 MHz.
SWR				2:1 MAX
Polarization				Linear
Gain	Azimuth	Theta	Peak	1.60
			Average	-0.45
		Phi	Peak	-3.64
			Average	-8.18
	Elevation 1	Theta	Peak	0.13
			Average	-2.92
		Phi	Peak	4.40
			Average	0.16
	Elevation 2	Theta	Peak	-10.92
			Average	-18.17
		Phi	Peak	4.76
			Average	0.89

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

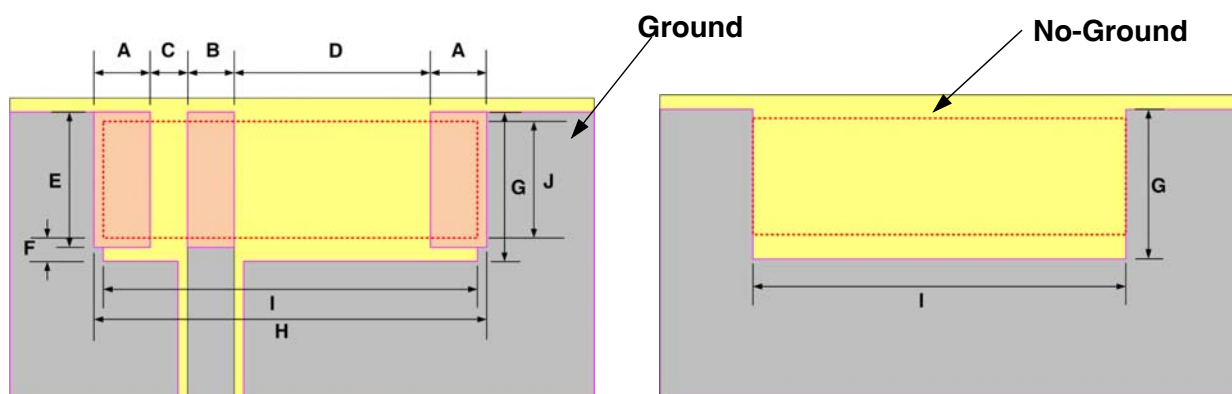


A	3.0
B	3.0
C	1.0
D	0.8
E	4.2
F	8.0

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

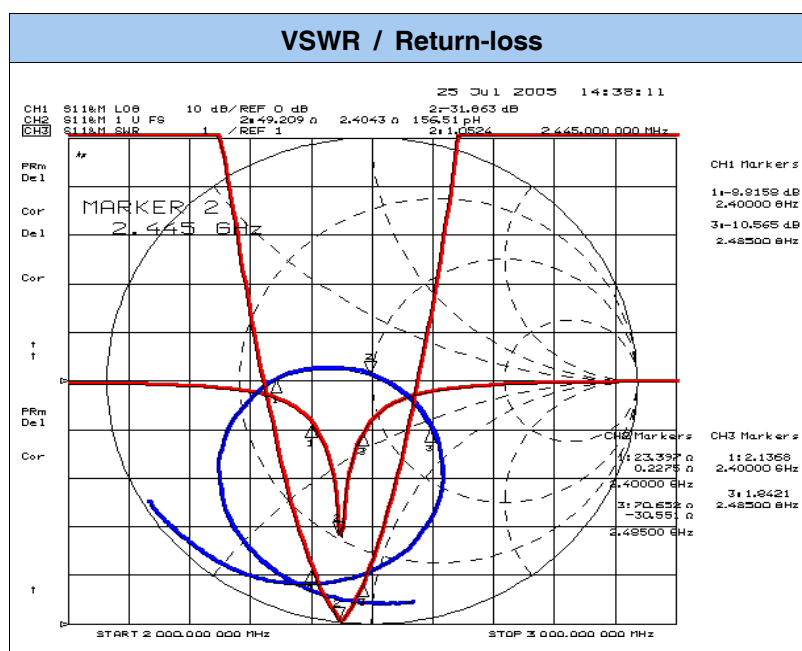


Top Pattern

Bottom Pattern

Parameter	A	B	C	D	E	F	G	H	I	J
Value[mm]	1.2	1.0	0.8	4.2	3.4	0.5	3.7	8.4	8.0	3.0

VSWR/Return-loss



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Radiation Pattern

