CTCA2012F500B

*Depends on PCB layout.								
Part Number	Impedance (Ω)	Test Freq. (GHz)	*Bandwidth (MHz)	*Peak Gain (dBi)	VSWR (Max.)	Polarization (Linear)		
CTCA2012F500B	50	2.4	100	0-2	2	Linear		

SPECIFICATIONS



CHARACTERISTICS

Description: Low temperature co-fired ceramics (LTCC) multilayer chip antenna

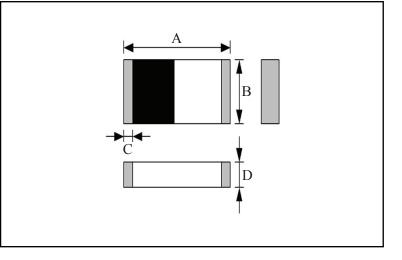
Applications: WLAN, home RF, bluetooth modules, etc. **Operating Temperature:** -25°C to + 125°C

Storage Temperature: 20°C to 25°C; R.H. 65% (for reference)

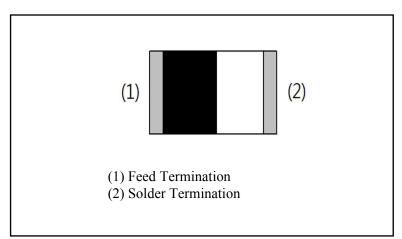


Miscellaneous: RoHS Compliant Additional Information: Additional electrical & physical information available upon request Samples available. See website for ordering information.

PHYSICAL DIMENSIONS							
Size	Α	В	С	D			
mm inches	2.0±0.2 0.08±0.008	1.2±0.2 0.05±0.008	0.5±0.2 0.02±0.008	0.5±0.2 0.02±0.008			

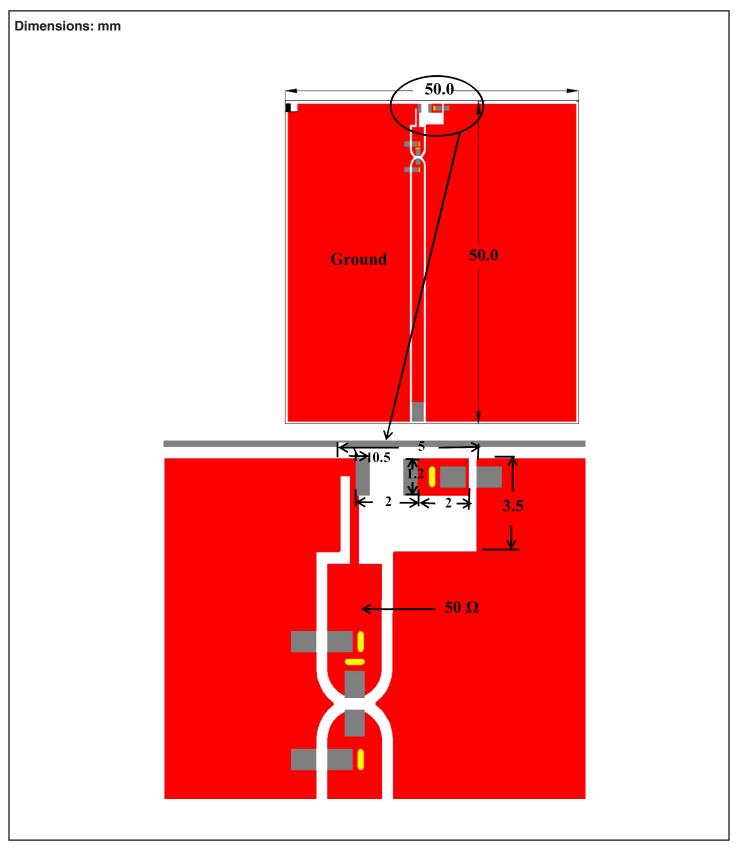


TERMINAL CONFIGURATION



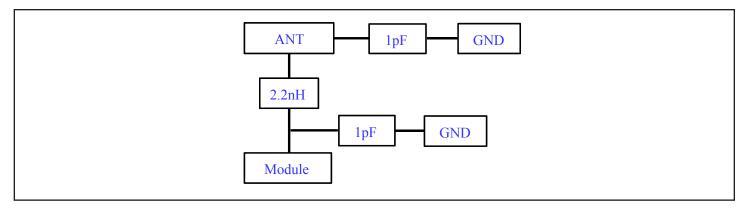


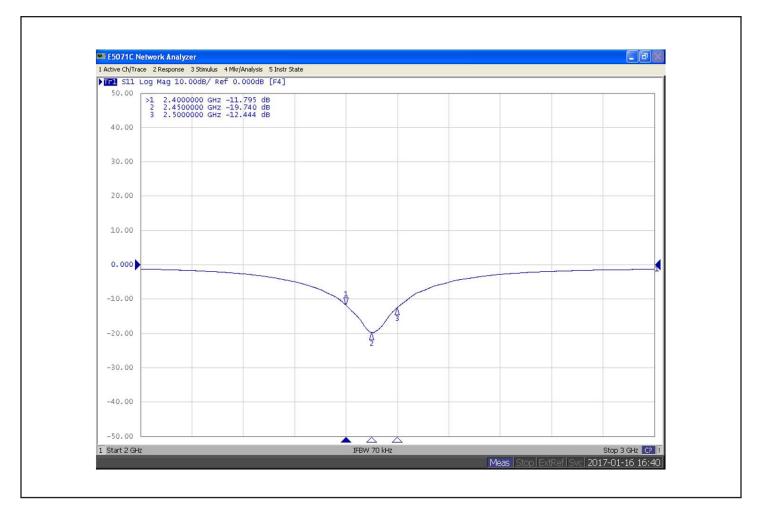
PC BOARD LAYOUT





MATCHING CIRCUIT





RETURN LOSS

