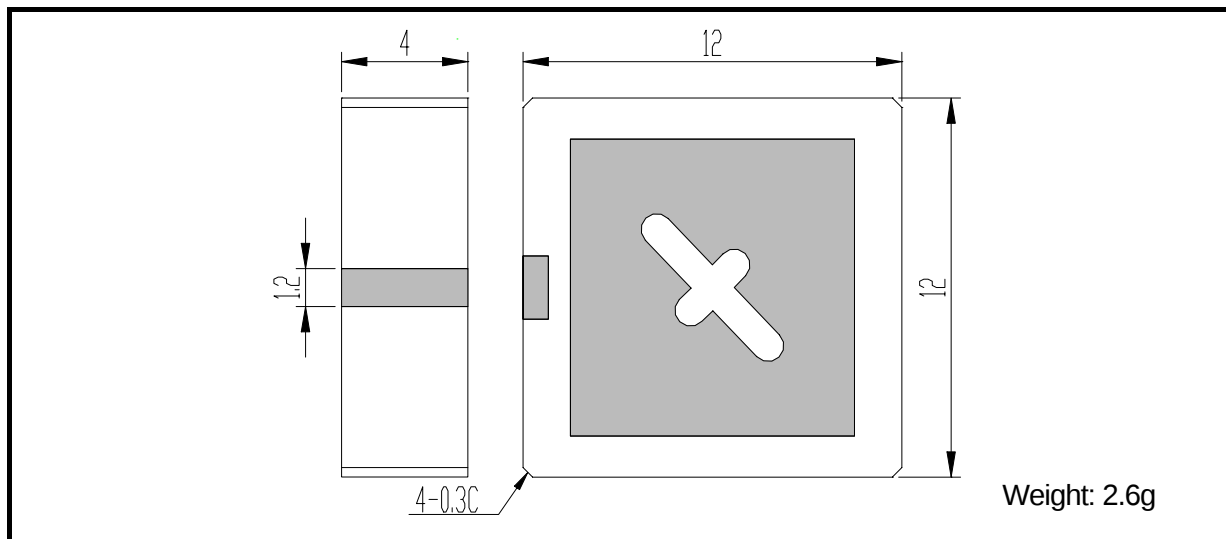


CERAMIC PATCH ANTENNA FOR Bluetooth & 2.4GHz W-LAN

SAMPLE P/N: CABPB1240A (12x12x4 mm type)

[MECHANICAL DIMENSIONS]



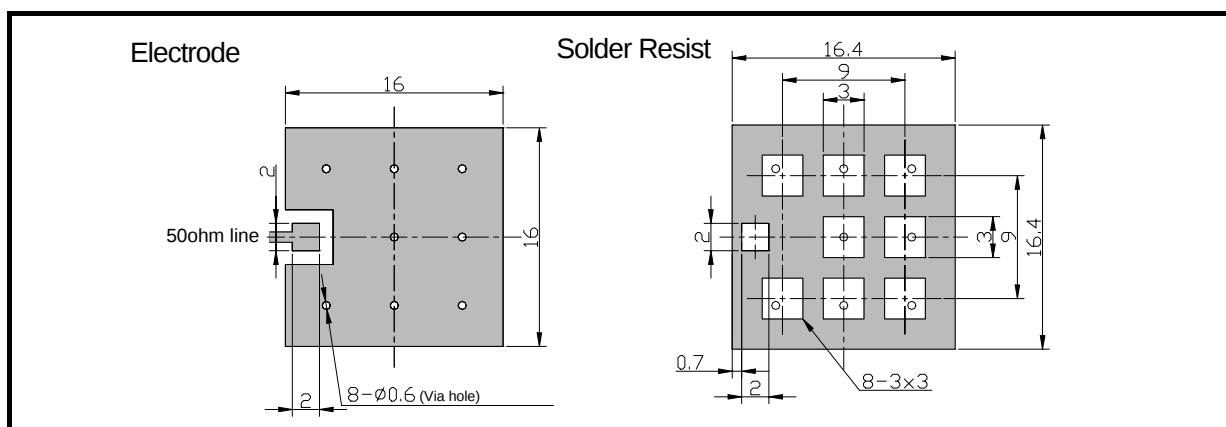
[ELECTRICAL CHARACTERISTICS]

PARAMETER	FREQ (MHz)	MIN.	MAX.	UNIT
Center frequency		2442		MHz
Bandwidth		85		MHz
Antenna Gain	2400-2485		+2	dBi
Impedance	2400-2485	50		ohm
Return Loss	2400-2485		-6	dB
VSWR	2400-2485		3	

Operating temperature	-30	+85	°C
Storage temperature	-40	+85	°C

Note: Please use the 0 dBi = -2.15dBd to convert antenna gain expressed in dBd.

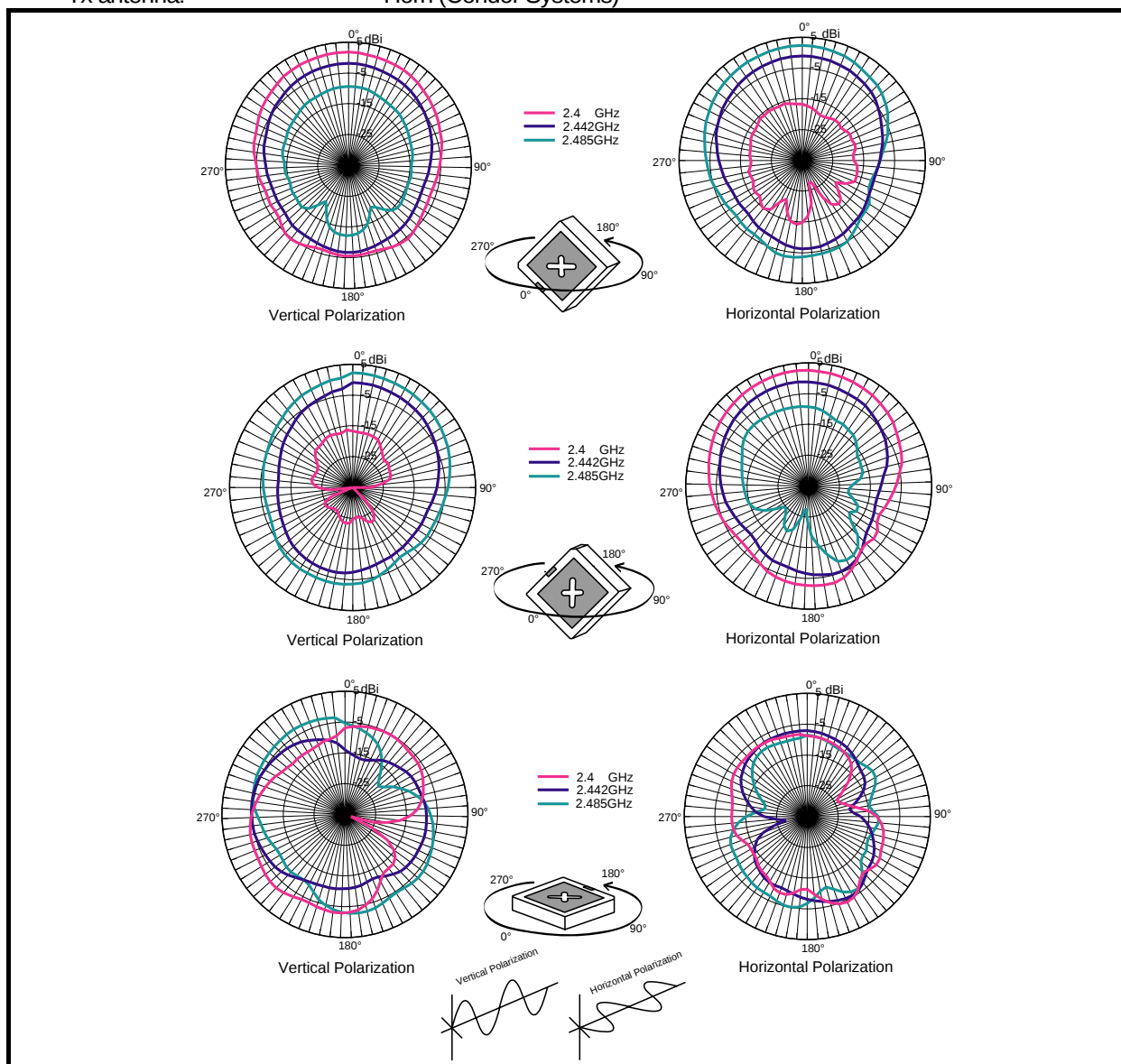
[RECOMMENDED PCB PATTERN]



*Note: This document is PRELIMINARY. All specifications are subject to change without notice and are not guaranteed.

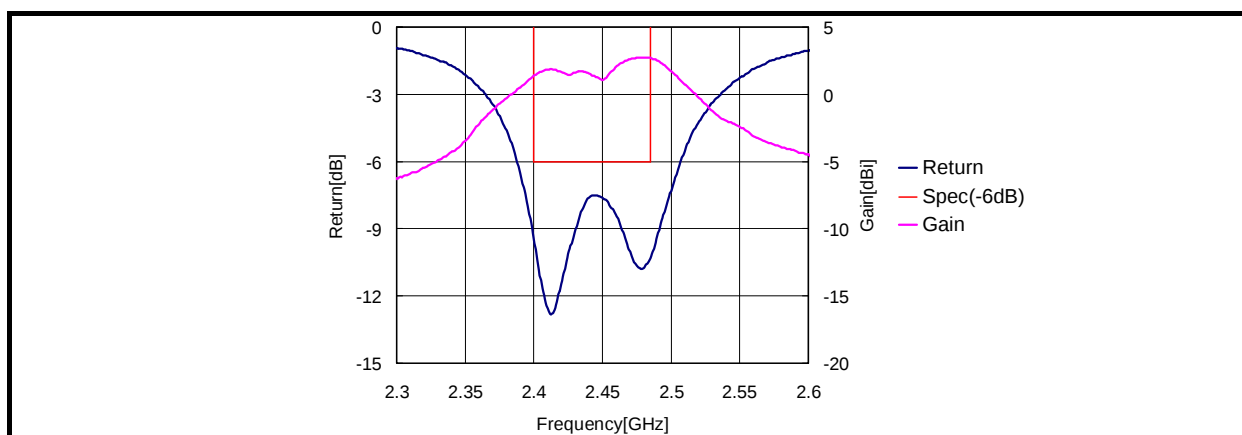
[RADIATION PATTERN]

- Item: CABPB1240A (12x12x4mm Type)
- Standard antenna: Standard dipole (Anritsu)
- Tx antenna: Horn (Condor Systems)



Note: Tested antenna has been soldered on 40x40 mm² PCB.

[RETURN LOSS&GAIN]



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