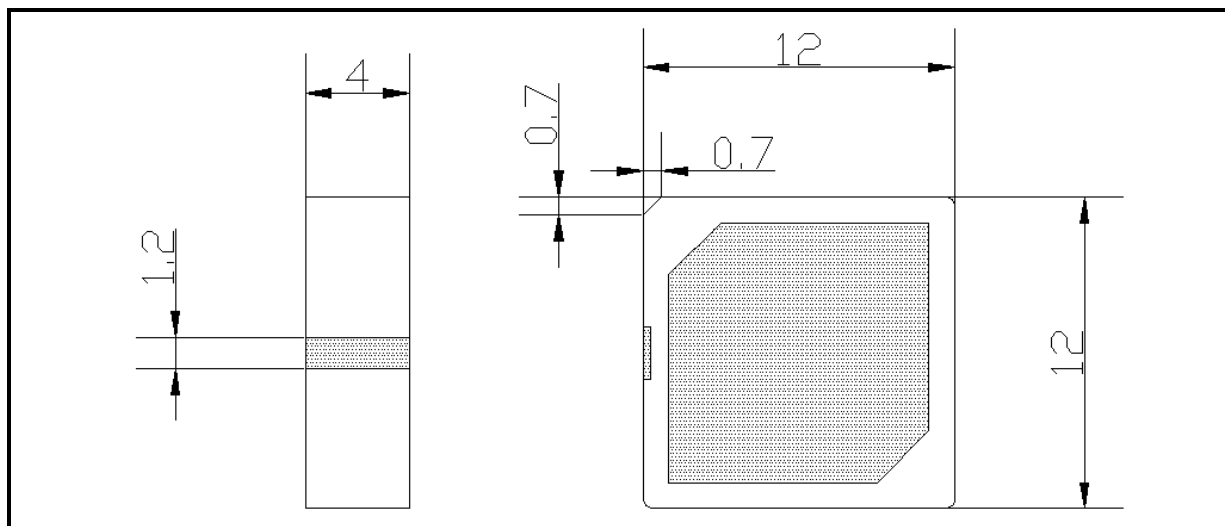


CERAMIC PATCH ANTENNA FOR BLUETOOTH

SAMPLE P/N: CANPB1240 (12x12x4 mm type)

[MECHANICAL DIMENSIONS]

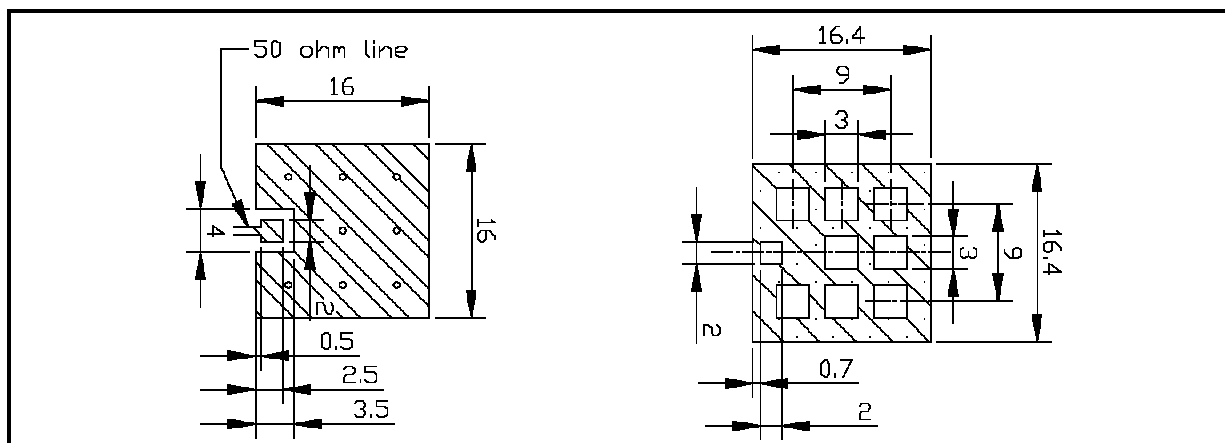


[ELECTRICAL CHARACTERISTICS]

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

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

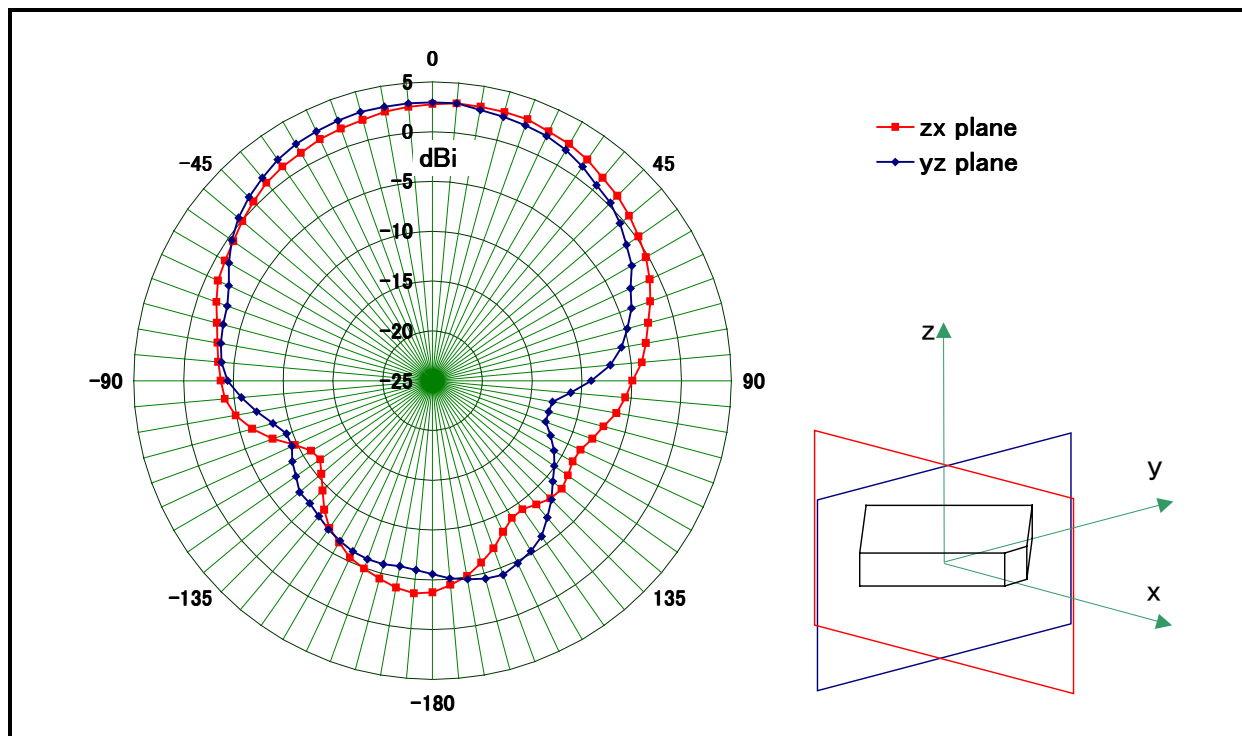
[RECOMMENDED PCB PATTERN]



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

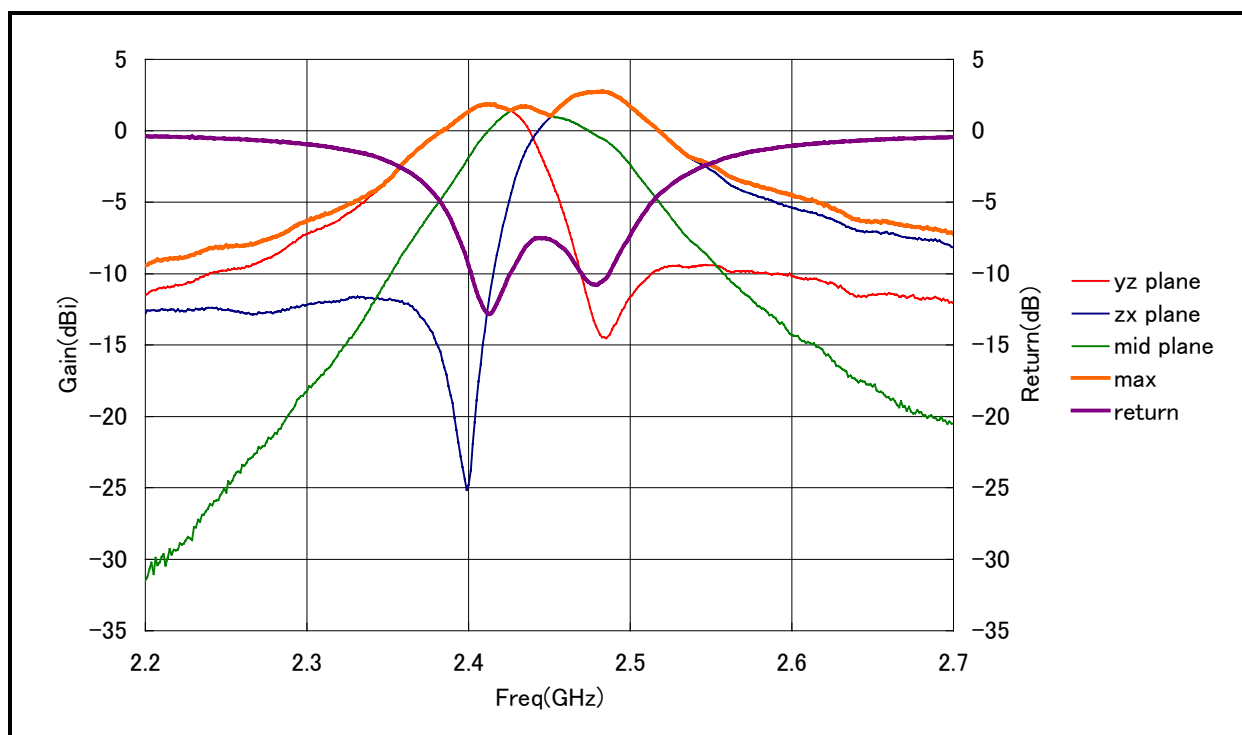
[RADIATION PATTERN]

- ITEM: CANPB1240 (12x12x4 mm type)
- Measurement frequency: 2.47 GHz
- Standard antenna: Standard dipole (Anritsu)
- Tx antenna: Horn (Condor Systems)



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

[GAIN & RETURN LOSS]



Note: These characteristics had been measured on z-axis.

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