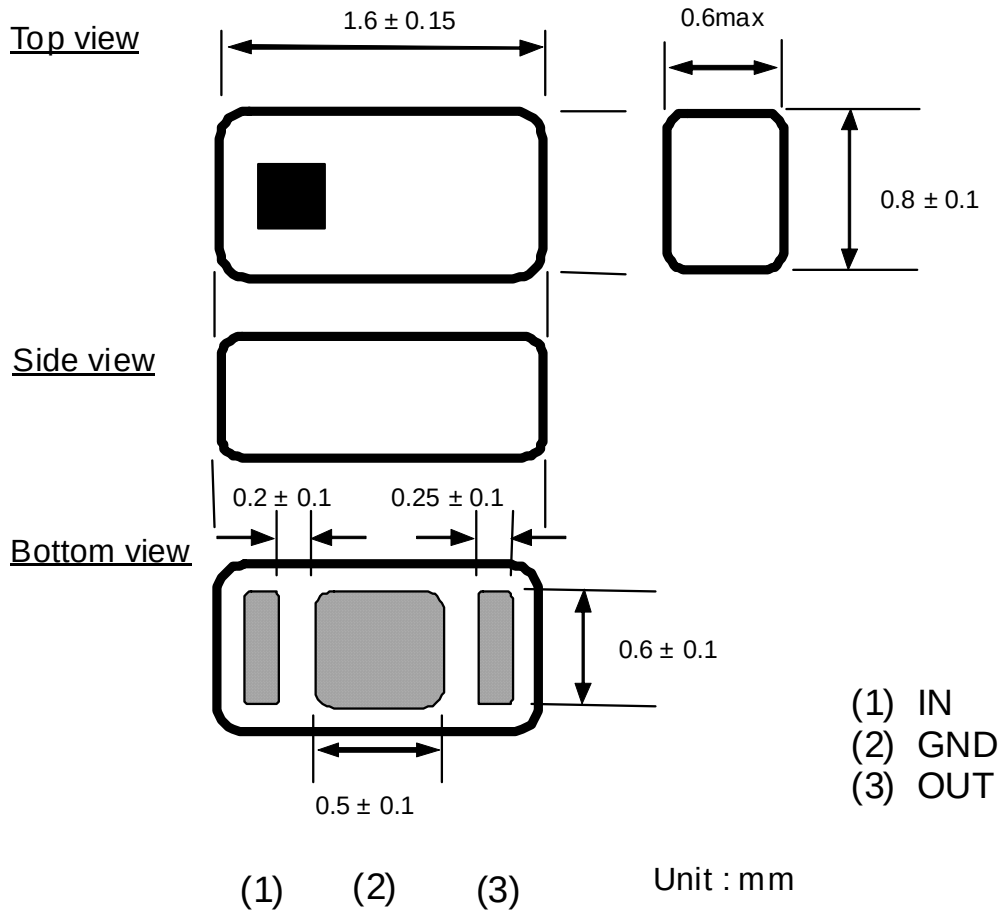


MULTILAYER BAND PASS FILTER

P/N: **DEA162450BT-2181D1**

For 2.4GHz W-LAN, BT

MECHANICAL DIMENSIONS



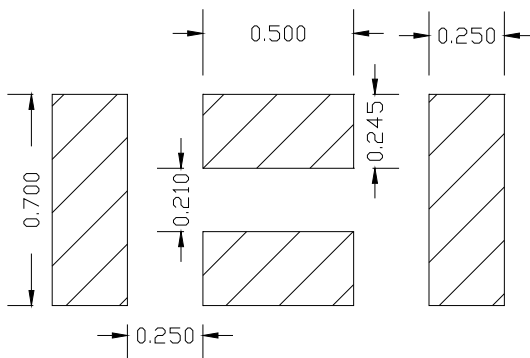
ELECTRICAL CHARACTERISTICS

Parameter			Specification	Typ.	Unit
Frequency Range (Pass Band)			2400 – 2500	-	MHz
Insertion Loss	2400 – 2500	MHz	2.2 Max.	1.78	dB
VSWR	2400 – 2500	MHz	1.92 Max.	1.10	-
Attenuation	880 – 915	MHz	35 Min.	40.6	dB
	1710 – 1850	MHz	32 Min.	41.2	dB
	1850 – 1910	MHz	32 Min.	36.1	dB
	1920 – 1990	MHz	28 Min.	31.2	dB
	2110 – 2170	MHz	25 Min.	27.1	dB
	4800 – 5000	MHz	30 Min.	40.5	dB
	7200 – 7500	MHz	25 Min.	34.1	dB

TEMPERATURE RANGE

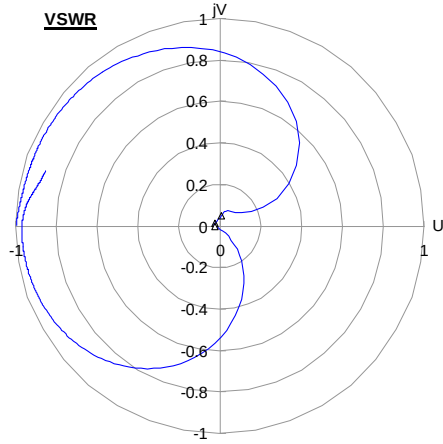
Storage Temperature	-40 ~ +85 °C
Operation Temperature	-40 ~ +85 °C

Land Pattern



FREQUENCY CHARACTERISTICS

S11 POLA REF 1.0 U SCALE 1.0U FS



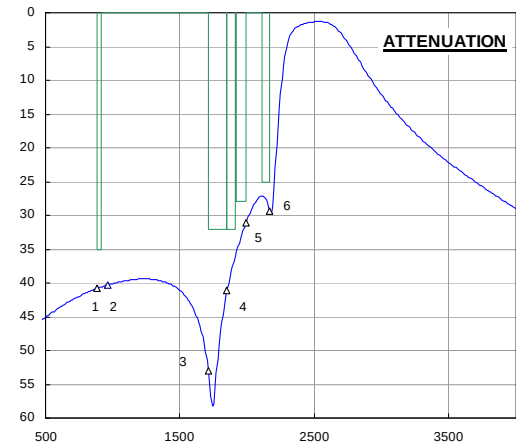
MARKER 1	2400 MHz	1.10
MARKER 2	2450 MHz	1.05
MARKER 3	2500 MHz	1.04
MARKER 4	0 MHz	#N/A
MARKER 5	0 MHz	#N/A
MARKER 6	0 MHz	#N/A

S21 Log MAG REF 0.0dB SCALE 1dB/



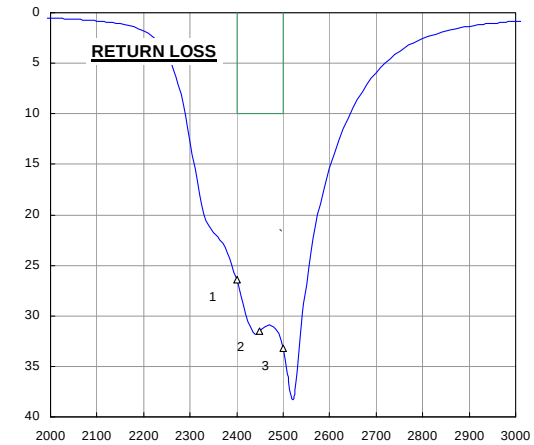
MARKER 1	2400 MHz	1.78 dB
MARKER 2	2450 MHz	1.48 dB
MARKER 3	2500 MHz	1.34 dB
MARKER 4	0 MHz	#N/A dB
MARKER 5	0 MHz	#N/A dB
MARKER 6	0 MHz	#N/A dB

S21 Log MAG REF 0.0dB SCALE 5.0dB/



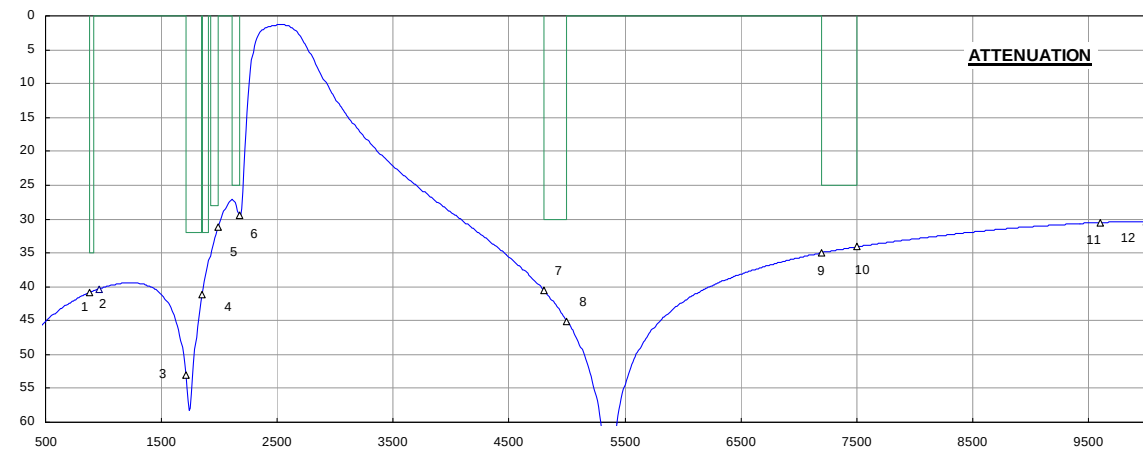
MARKER 1	880 MHz	40.9 dB
MARKER 2	960 MHz	40.3 dB
MARKER 3	1710 MHz	53.1 dB
MARKER 4	1850 MHz	41.2 dB
MARKER 5	1990 MHz	31.2 dB
MARKER 6	2170 MHz	29.4 dB

S11 Log MAG REF -10.0dB SCALE 5.0dB/



MARKER 1	2400 MHz	26.4 dB
MARKER 2	2450 MHz	31.5 dB
MARKER 3	2500 MHz	33.2 dB
MARKER 4	0 MHz	#N/A dB
MARKER 5	0 MHz	#N/A dB
MARKER 6	0 MHz	#N/A dB

S21 Log MAG REF 0.0dB SCALE 5.0dB/



MARKER 7	4800 MHz	40.5 dB
MARKER 8	5000 MHz	45.1 dB
MARKER 9	7200 MHz	35.0 dB
MARKER 10	7500 MHz	34.1 dB
MARKER 11	9600 MHz	30.5 dB
MARKER 12	10000 MHz	30.3 dB