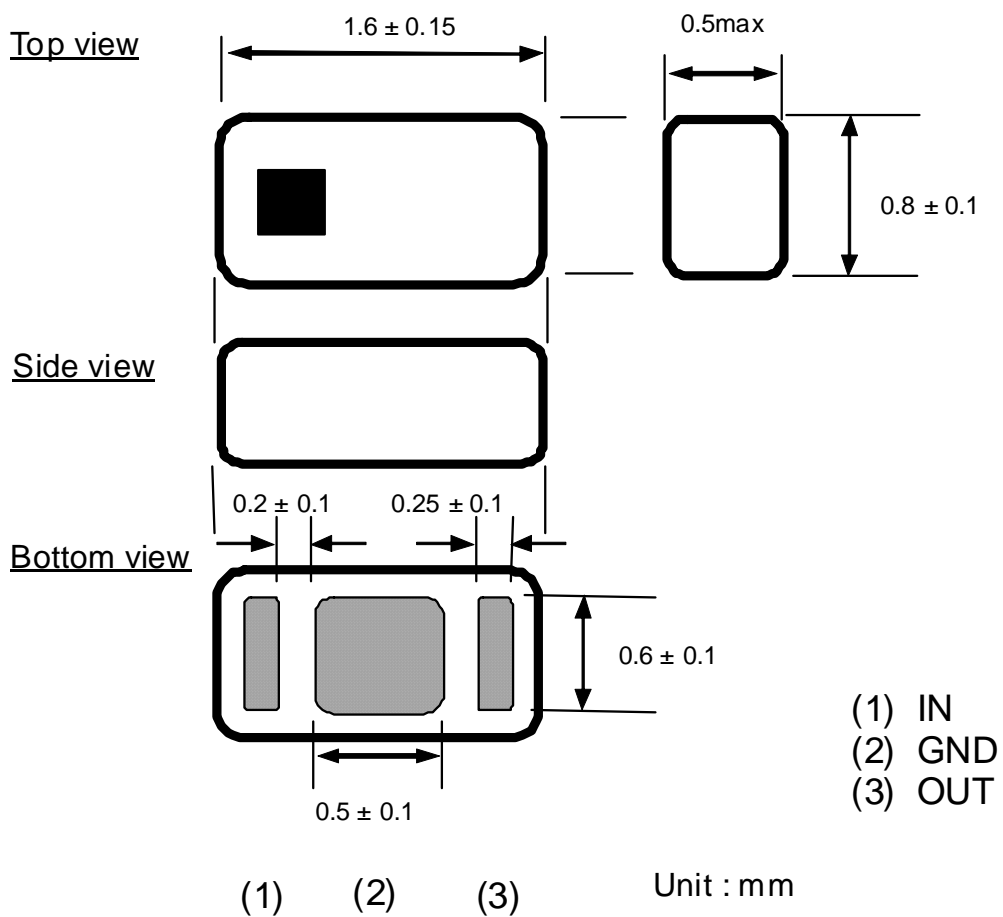


# MULTILAYER BAND PASS FILTER

P/N: **DEA162450BT-2174A1**

For 2.4GHz W-LAN, BT

## MECHANICAL DIMENSIONS

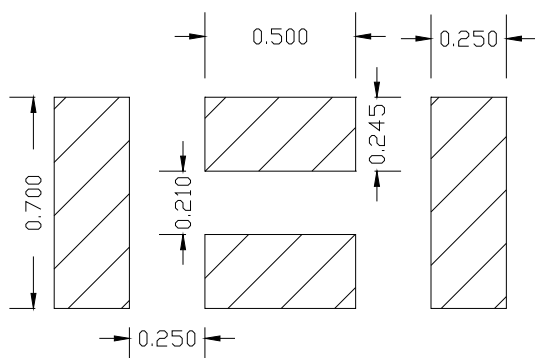


**ELECTRICAL CHARACTERISTICS**

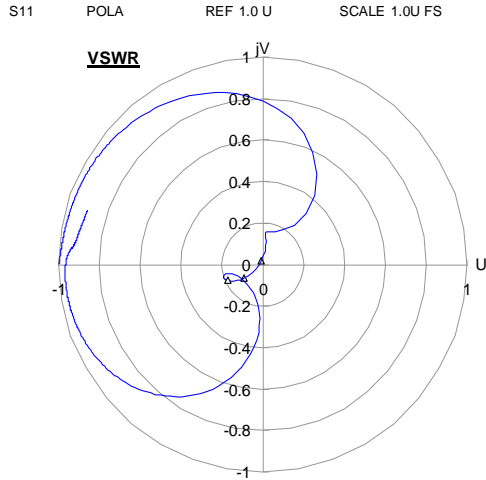
Parameter			Specification	Typ.	Unit
Frequency Range (Pass Band)			2400 – 2500	-	MHz
Insertion Loss (at +25degC)	2400 – 2500	MHz	2.3 Max.	1.75	dB
VSWR	2400 – 2500	MHz	1.92 Max.	1.45	-
Attenuation	880 – 915	MHz	38 Min.	43.1	dB
	1710	MHz	35 Min.	43.5	dB
	1850 – 1910	MHz	25 Min.	30.9	dB
	1920 – 1990	MHz	25 Min.	27.2	dB
	2110 – 2170	MHz	20 Min.	23.7	dB
	4800 – 5000	MHz	30 Min.	37.6	dB
	7200 – 7500	MHz	30 Min.	35.4	dB

**TEMPERATURE RANGE**

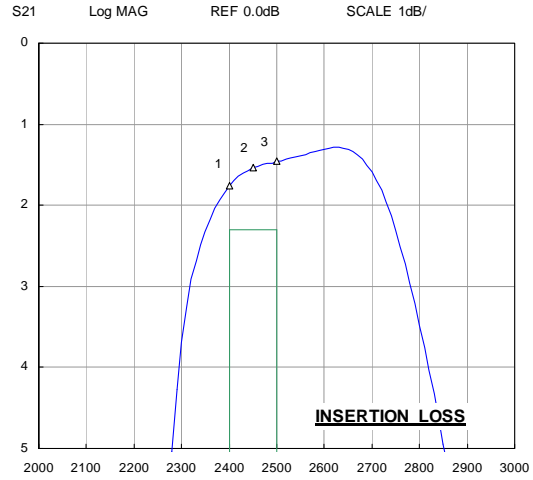
Storage Temperature	-40 ~ +85 °C
Operation Temperature	-40 ~ +85 °C

**Land Pattern**


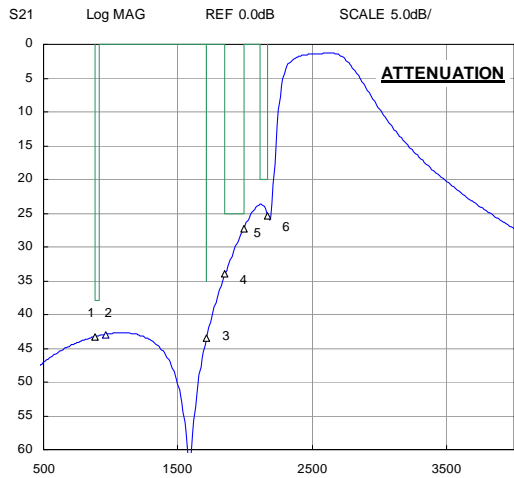
# FREQUENCY CHARACTERISTICS



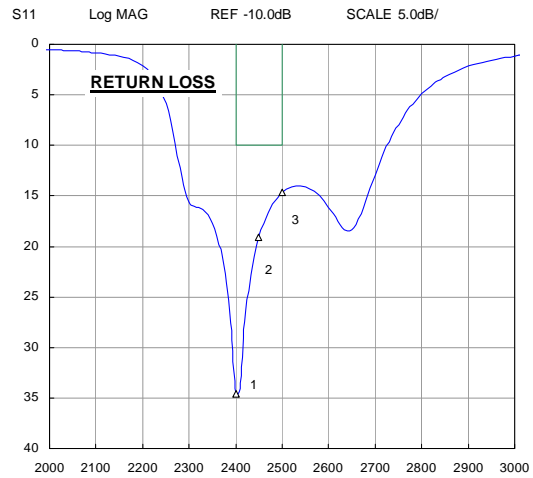
MARKER 1	2400 MHz	1.04
MARKER 2	2450 MHz	1.25
MARKER 3	2500 MHz	1.45
MARKER 4	0 MHz	#N/A
MARKER 5	0 MHz	#N/A
MARKER 6	0 MHz	#N/A



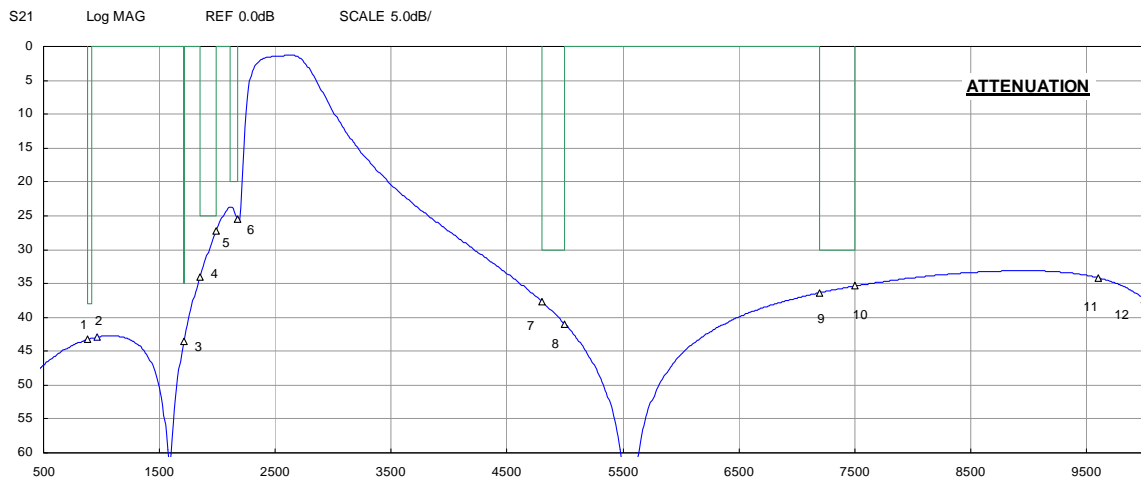
MARKER 1	2400 MHz	1.75 dB
MARKER 2	2450 MHz	1.53 dB
MARKER 3	2500 MHz	1.46 dB
MARKER 4	0 MHz	#N/A dB
MARKER 5	0 MHz	#N/A dB
MARKER 6	0 MHz	#N/A dB



MARKER 1	880 MHz	43.3 dB
MARKER 2	960 MHz	42.9 dB
MARKER 3	1710 MHz	43.5 dB
MARKER 4	1850 MHz	34.0 dB
MARKER 5	1990 MHz	27.2 dB
MARKER 6	2170 MHz	25.5 dB



MARKER 1	2400 MHz	34.6 dB
MARKER 2	2450 MHz	19.1 dB
MARKER 3	2500 MHz	14.7 dB
MARKER 4	0 MHz	#N/A dB
MARKER 5	0 MHz	#N/A dB
MARKER 6	0 MHz	#N/A dB



MARKER 7	4800 MHz	37.6 dB
MARKER 8	5000 MHz	41.0 dB
MARKER 9	7200 MHz	36.3 dB
MARKER 10	7500 MHz	35.4 dB
MARKER 11	9600 MHz	34.1 dB
MARKER 12	10000 MHz	37.4 dB