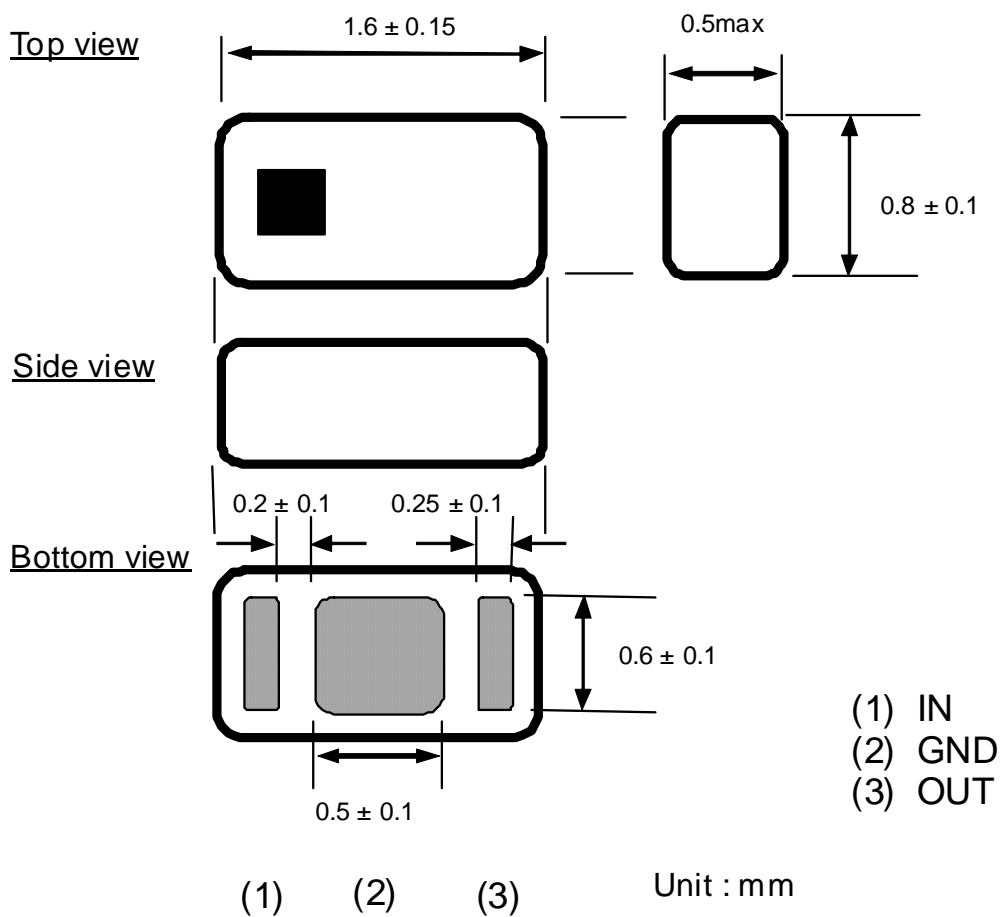


MULTILAYER BAND PASS FILTER

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

For 2.4GHz W-LAN, BT

MECHANICAL DIMENSIONS

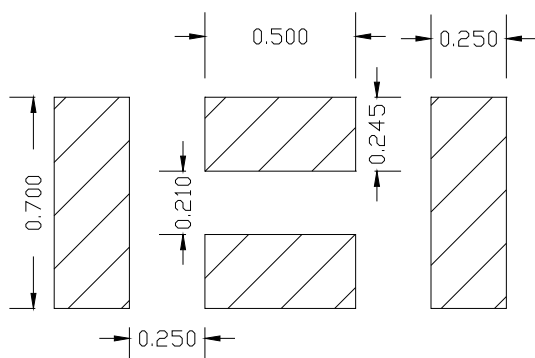


ELECTRICAL CHARACTERISTICS

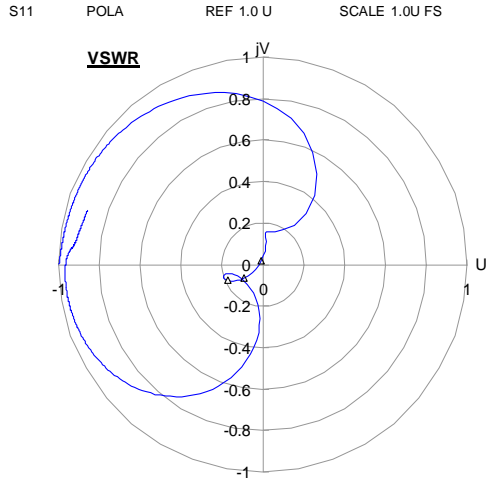
Parameter			Specification	Typ.	Unit
Frequency Range (Pass Band)			2400 – 2500	-	MHz
Insertion Loss (at +25degC)	2400 – 2500	MHz	2.3 Max.	1.75	dB
VSWR	2400 – 2500	MHz	1.92 Max.	1.45	-
Attenuation	880 – 915	MHz	38 Min.	43.1	dB
	1710	MHz	35 Min.	43.5	dB
	1850 – 1910	MHz	25 Min.	30.9	dB
	1920 – 1990	MHz	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

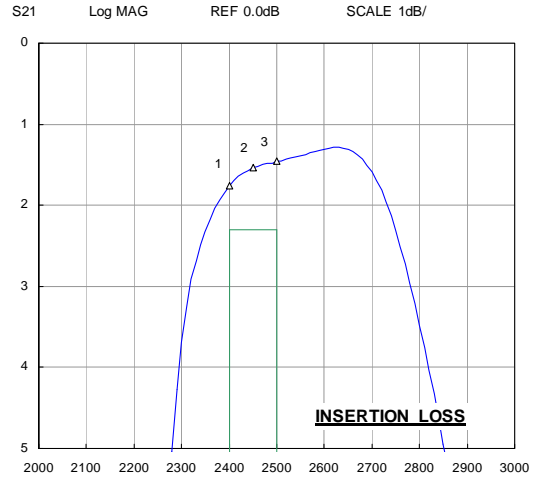
Storage Temperature	-40 ~ +85 °C
Operation Temperature	-40 ~ +85 °C

Land Pattern


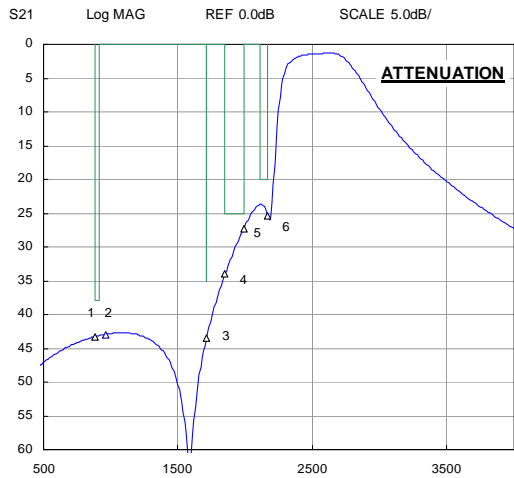
FREQUENCY CHARACTERISTICS



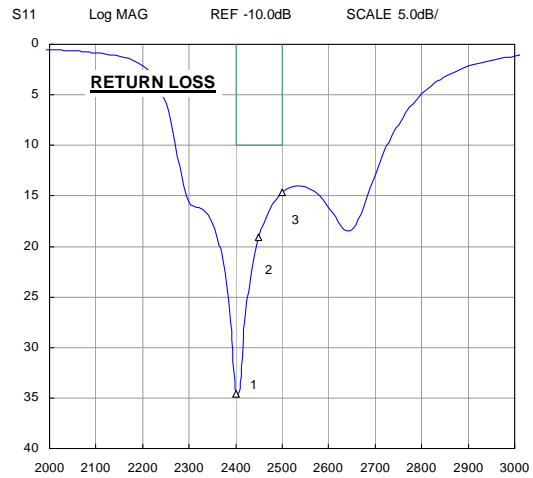
MARKER 1	2400 MHz	1.04
MARKER 2	2450 MHz	1.25
MARKER 3	2500 MHz	1.45
MARKER 4	0 MHz	#N/A
MARKER 5	0 MHz	#N/A
MARKER 6	0 MHz	#N/A



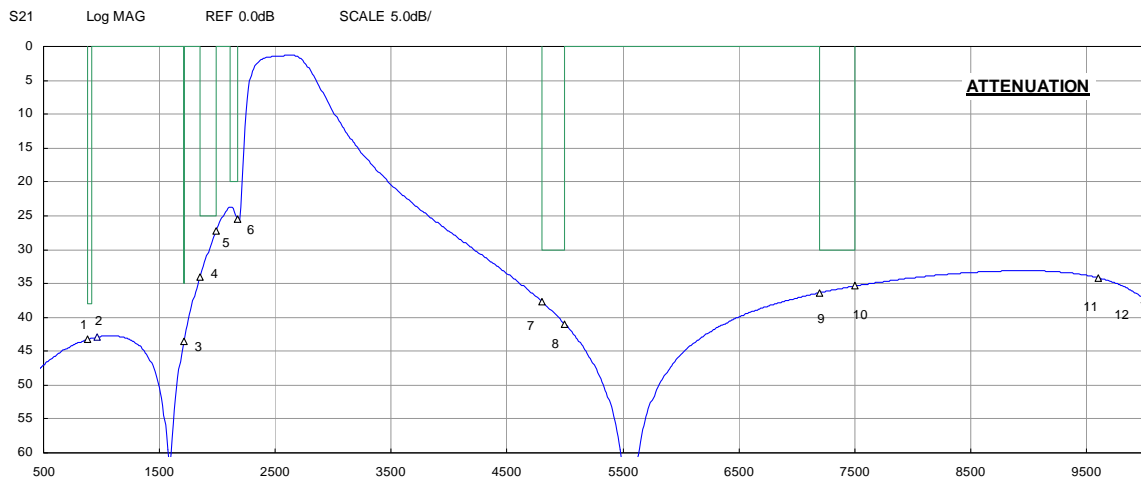
MARKER 1	2400 MHz	1.75 dB
MARKER 2	2450 MHz	1.53 dB
MARKER 3	2500 MHz	1.46 dB
MARKER 4	0 MHz	#N/A dB
MARKER 5	0 MHz	#N/A dB
MARKER 6	0 MHz	#N/A dB



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TDK:

[DEA162450BT-2174A1](#)