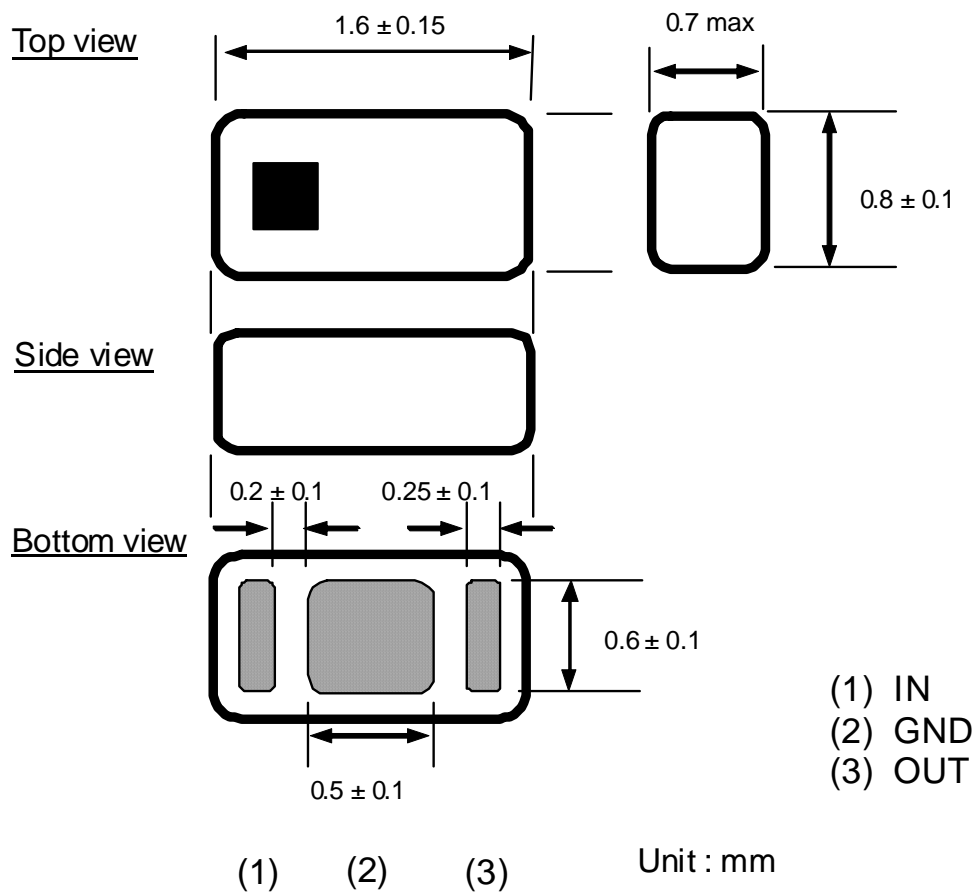


## MULTILAYER BAND PASS FILTER

P/N: **DEA162450BT-1288B1** For 2.4GHz W-LAN, BT

### MECHANICAL DIMENSIONS



## ELECTRICAL CHARACTERISTICS

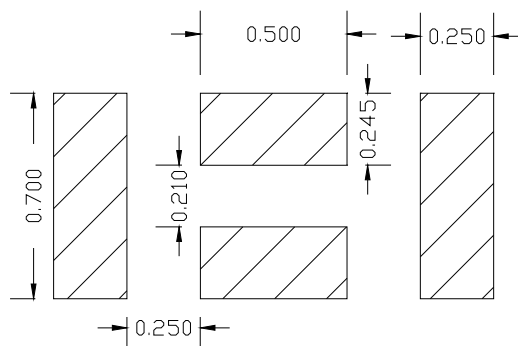
Parameter		Sample	Spec.	Unit
Frequency Range (Pass Band)		2400 – 2500		MHz
Insertion Loss	+25 °C	1.03	1.3 max	dB
	-40 ~ +85 °C	-	1.6 max	dB
Single ended port characteristic impedance		50 (Nominal)		ohm
Return Loss	2400 – 2500 MHz	19.9	10 min	-
Attenuation	800 MHz	26	25 min	dB
	3200 MHz	19	17 min	dB
	4800 – 5000 MHz	40	20 min	dB
	7200 – 7500 MHz	25	20 min	dB

Note: When the shield comes to the upper side of the product, this product might be influenced.

## TEMPERATURE RANGE

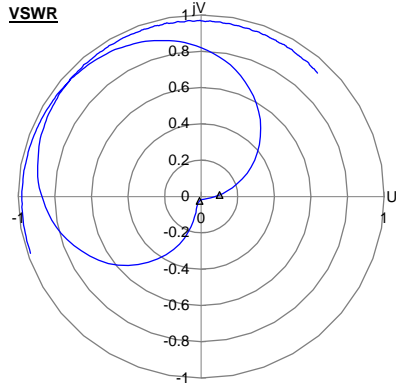
Storage Temperature	-40 ~ +85 °C
Operation Temperature	-40 ~ +85 °C

## Land Pattern



## FREQUENCY CHARACTERISTICS

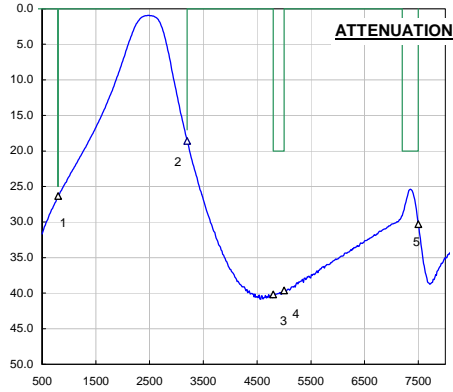
S11 POLA REF 1.0 U SCALE 1.0U FS



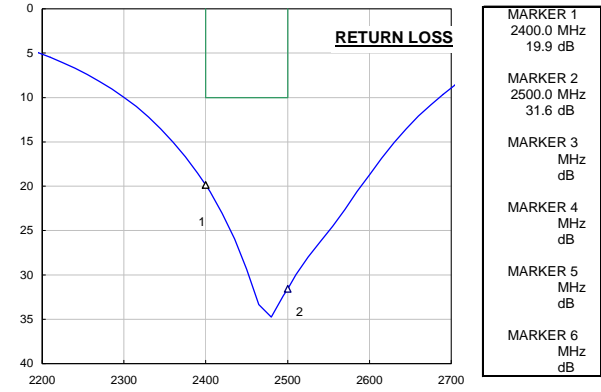
S12 Log MAG REF 0.0dB SCALE 0.5dB/



S12 Log MAG REF 0.0dB SCALE 10.0dB/



S11 Log MAG REF 0.0dB SCALE 5.0dB/



The BPF include DC blocking capacitor

# Mouser Electronics

Authorized Distributor

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

TDK:

[DEA162450BT-1288B1](#)