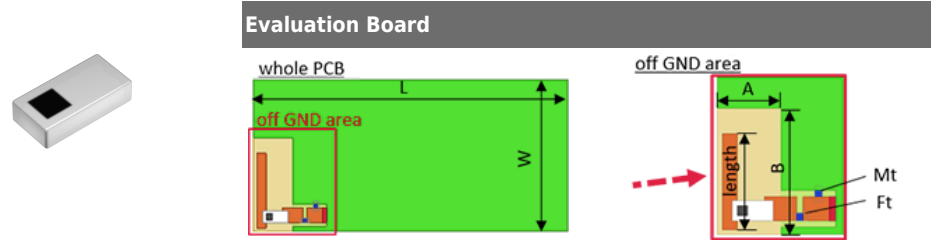


Chip Antenna Simulation ANT016008LCS2442MA2 @ 2.4GHz band

Shape	
Length(L)	1.60mm ±0.10mm
Width(W)	0.80mm ±0.10mm
Thickness(T)	0.40mm Max.

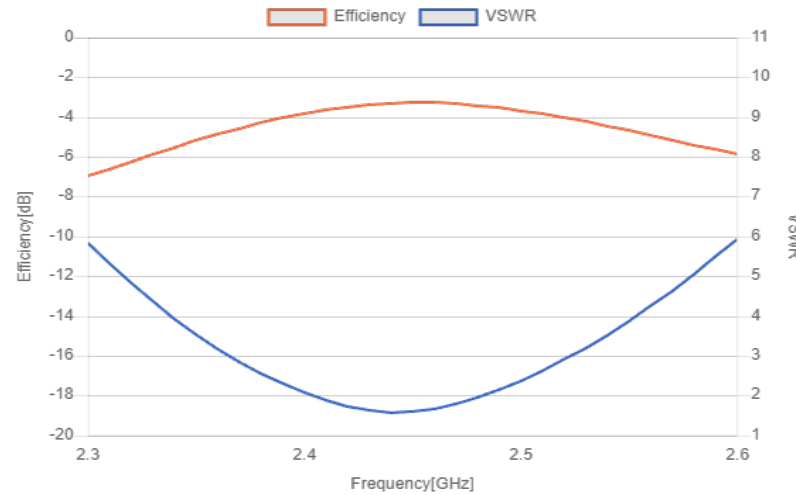
Recommended Element Value	
Mt	2.1nH
Ft	2.1nH

Pattern Length	
Length	3.65mm



Condition	
A	4mm
B	6mm
W	30mm
L	40mm

VSWR & Efficiency @ 2.4GHz band



Electrical Characteristics

2.442GHz			
Efficiency[dB]		-3.30	
VSWR		1.57	
Peak Gain[dBi]		-1.07	
XZ-plane	Horizontal	-8.51	
	Vertical	-3.05	
YZ-plane	Horizontal	-4.76	
	Vertical	-40.74	
XY-plane	Horizontal	-5.83	
	Vertical	-5.93	

Radiation Pattern (linear polarization) @ 2.442GHz

