

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

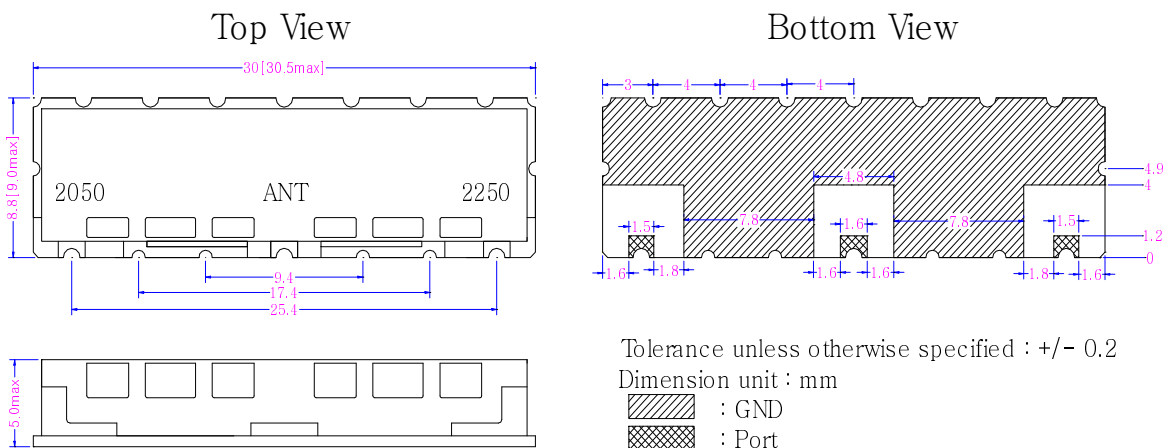
Descriptions

Surface mount ceramic duplexer developed for LTE band-23 applications.

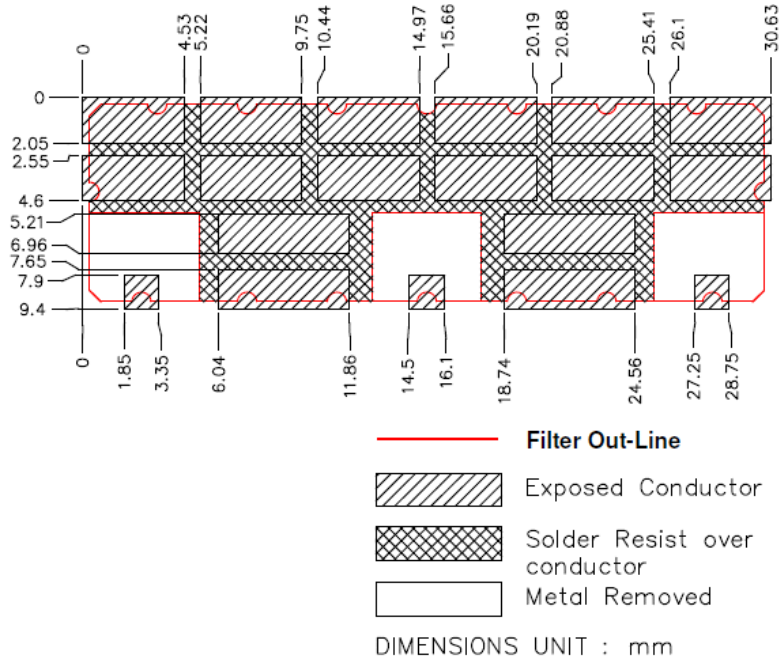
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	2050	2250
Passband Frequency Range	MHz	80 (2010~2090 MHz)	100 (2200~2300 MHz)
Insertion Loss in Passband	dB	2.5 max	2.5 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	50 min @2200 ~ 2300 MHz	50 min @ 2010 ~ 2090 MHz
		40 min @ 2150 MHz	
Power Handling	Watt	2 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	30.5 x 9.0 x 5.0 (L x W x H)	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

