

Features

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

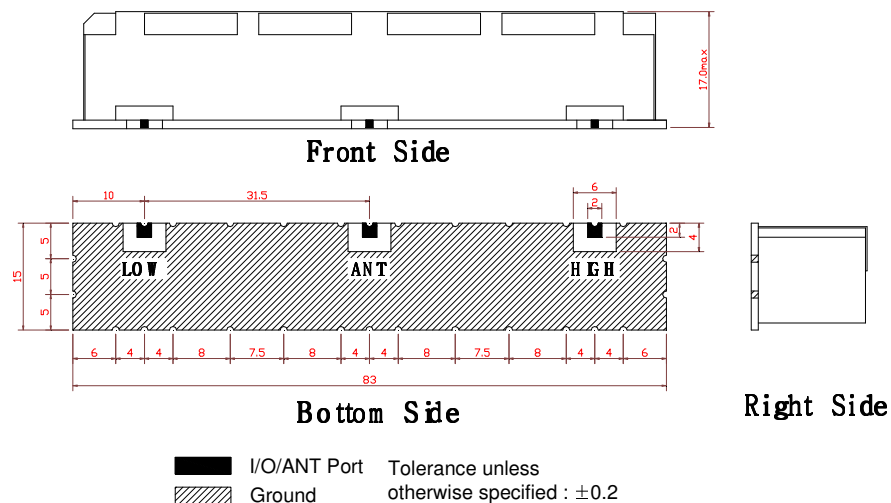
Descriptions

Surface mount high power ceramic duplexer developed for LTE band-2 applications.

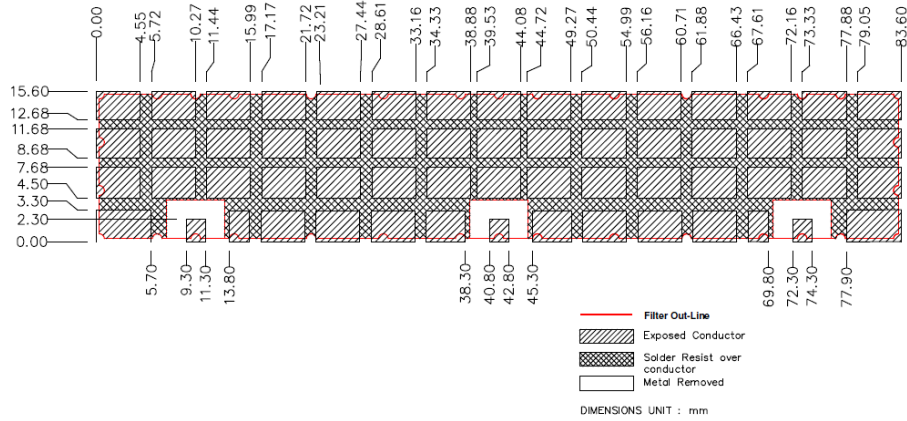
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1880	1960
Passband Frequency Range	MHz	60 (1850~1910 MHz)	60 (1930~1990 MHz)
Insertion Loss in Passband	dB	3.0 max	3.0 max
Ripple in Passband	dB	2.3 max	2.3 max
Return Loss (VSWR) in Passband	dB	16 min	16 min
Attenuation	dBc	55 min @1930 ~ 1990 MHz	55 min @ 1850 ~ 1910 MHz
Power Handling	Watt	20 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	83 x 15 x 17 (L x W x H)	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

