

Features

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

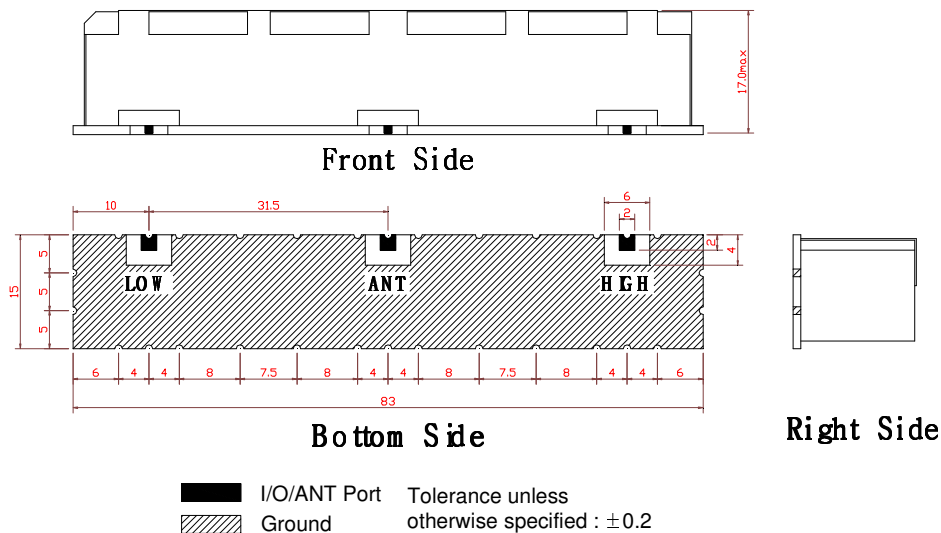
Descriptions

Surface mount high power ceramic duplexer developed for LTE band-25 applications.

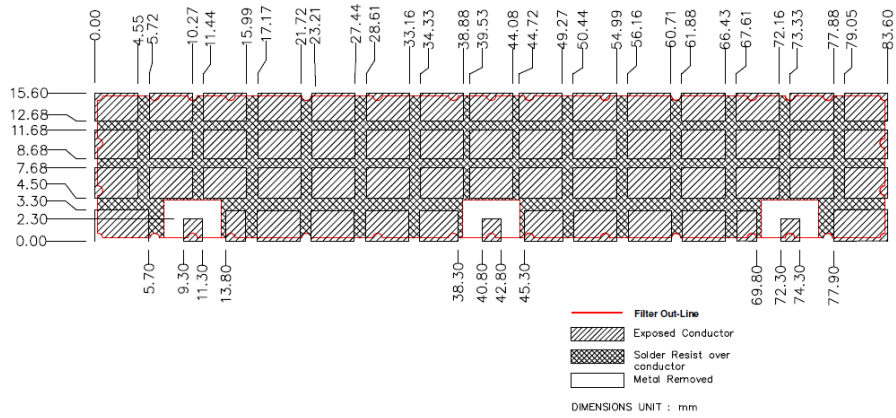
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1882.5	1962.5
Passband Frequency Range	MHz	1850 ~ 1915	1930 ~ 1995
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	14 min	14 min
Attenuation at Reject Band	dB	50 min @ 1930 ~ 1995MHz	55 min @ 1850 ~ 1915MHz
Isolation	dB	50 min	
Power Handling	Watt	20 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-45 ~ +85	
Dimensions	mm	83 x 15 x 17 (L x W x H)	
RoHS	-	Yes	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

