

Features

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

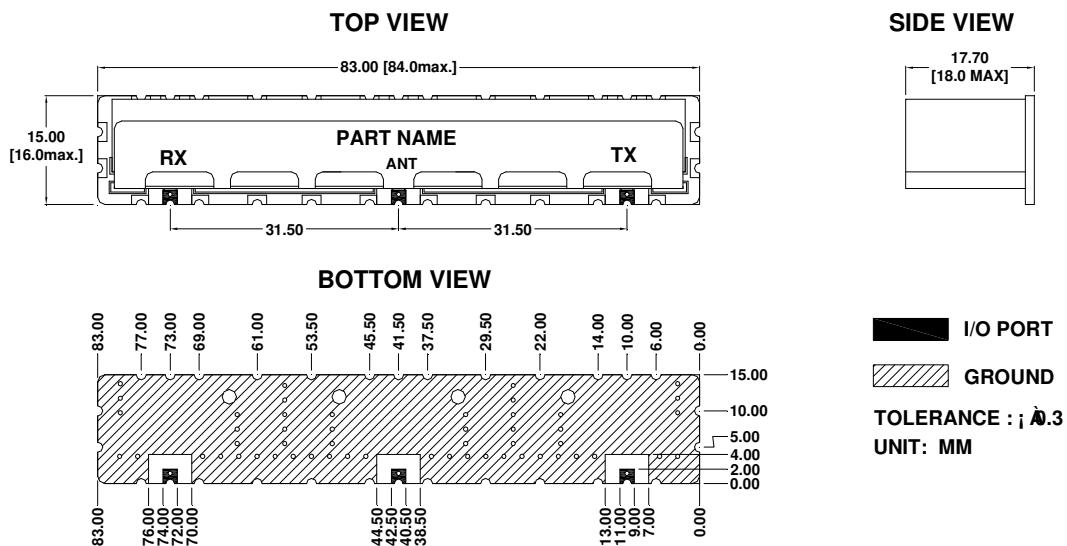
Descriptions

Surface mount high power ceramic duplexer developed for LTE band-14 applications.

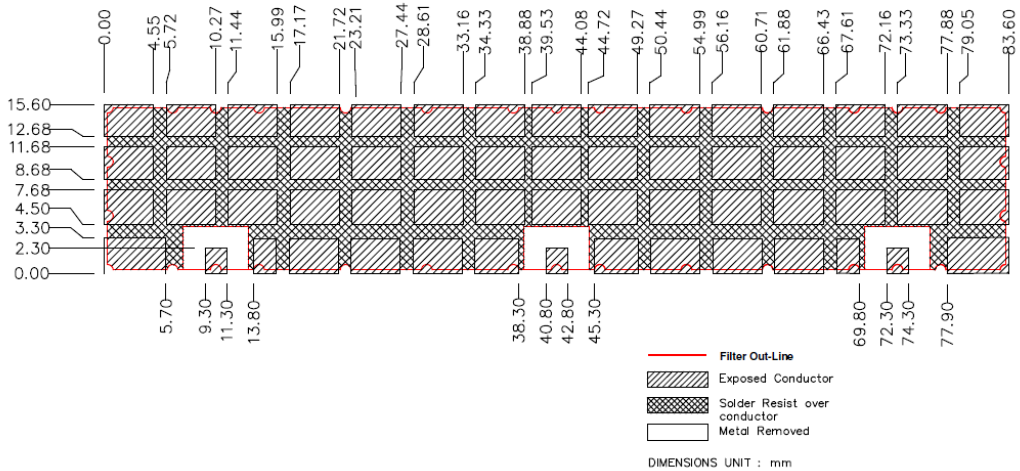
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	763	793
Passband Frequency Range	MHz	758~768	788~798
Insertion Loss in Passband	dB	1.5 max	1.5 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	15.0 min	15.0 min
Attenuation at Reject Band	dB	65 min @ 788~798 MHz	65 min @ 758~768 MHz
Power Handling	Watt	10 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	83 x 15 x 17.7 (L x W x H)	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

