

Features

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

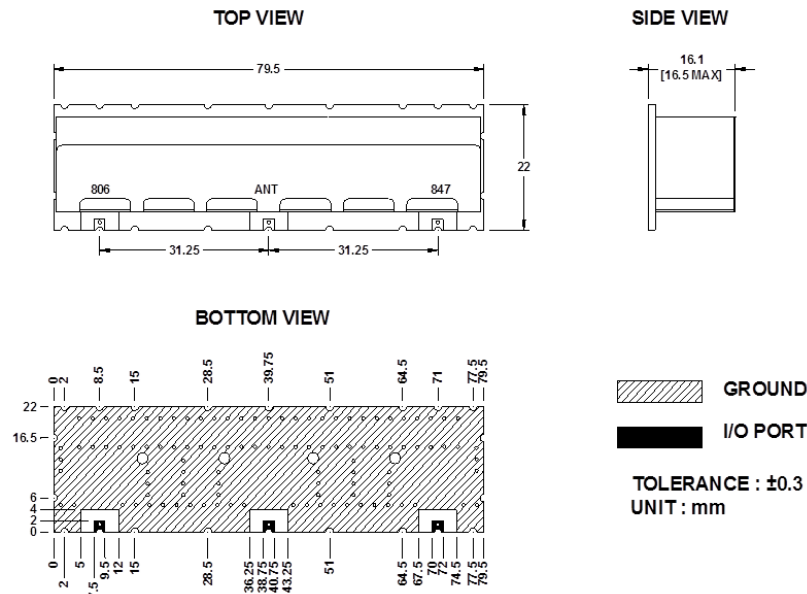
Descriptions

Surface mount high power ceramic duplexer developed for LTE band-20 applications.

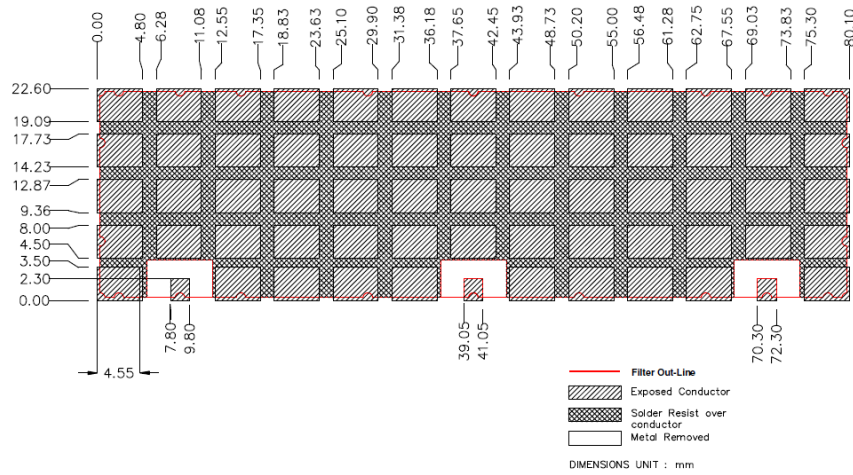
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	806	874
Passband Frequency Range	MHz	791~821	832~862
Insertion Loss in Passband	dB	2.5 max	2.5 max
Ripple in Passband	dB	1.5 max	1.5 max
Return Loss (VSWR) in Passband	dB	15.0 min	15.0 min
Attenuation at Reject Band	dB	35 min @ 832~862 MHz	35 min @ 791~821 MHz
Power Handling	Watt	20 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	79.5 x 22 x 16.5 (L x W x H)	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

