

Features

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

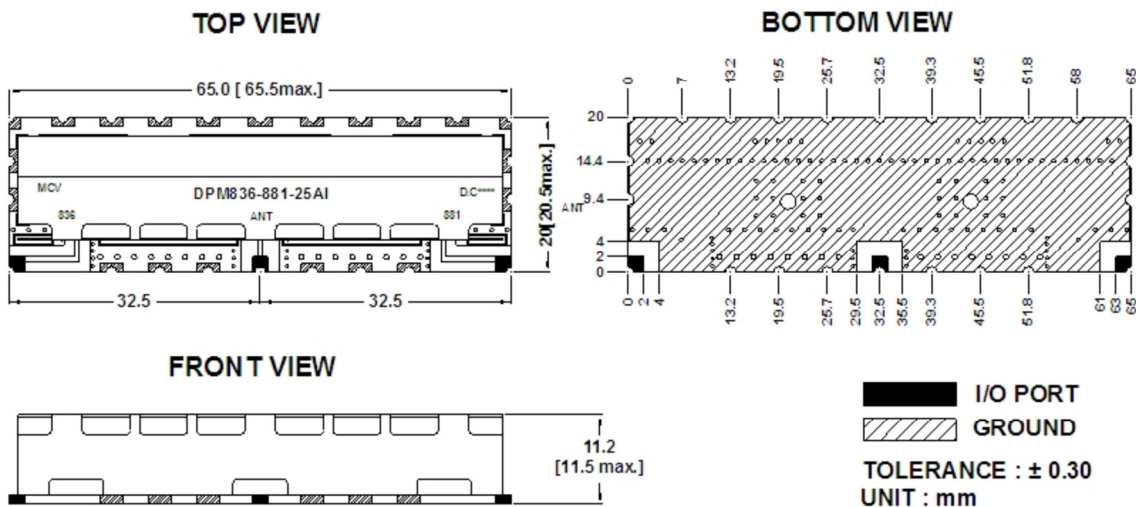
Descriptions

Surface mount ceramic duplexer developed for LTE band-8 applications.

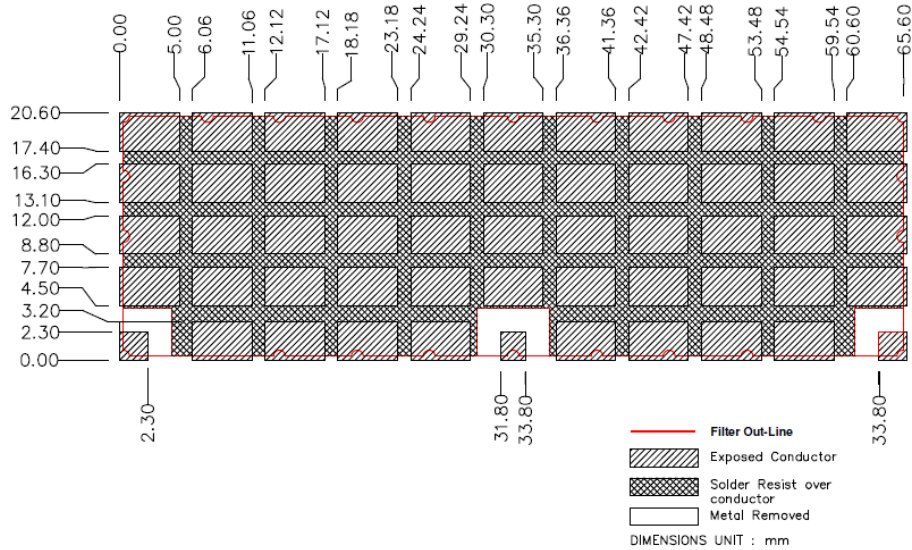
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	897.5	942.5
Passband Frequency Range	MHz	880 ~ 915	925 ~ 960
Insertion Loss in Passband	dB	3.0 max	3.0 max
Ripple in Passband	dB	1.5 max	1.5 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation	dB	50 min @ 925 ~ 960MHz	50 min @ 880 ~ 915MHz
Power Handling	Watt	5 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions (max)	mm	65.5 x 20.5 x 11.5 (L x W x H)	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

