

Features

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

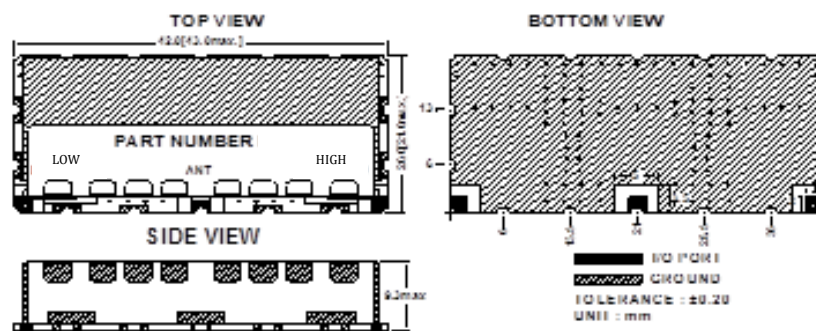
Descriptions

Surface mount ceramic duplexer developed for LTE band-28 applications.

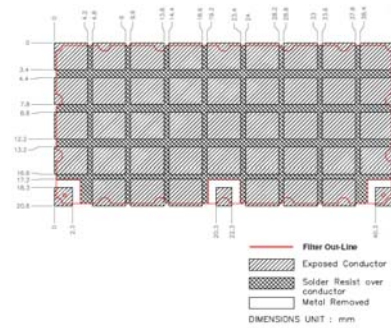
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	725.5	780.5
Passband Frequency Range	MHz	703 ~ 748	758 ~ 803
Insertion Loss in Passband	dB	3.5 max	3.5 max
Ripple in Passband	dB	2.5 max	2.5 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	40 min @ 758 ~ 803MHz	40 min @ 703 ~ 748MHz
Power Handling	Watt	3.0 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions(max)	mm	43 x 21 x 9.3 (L x W x H)	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

