

### Features

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

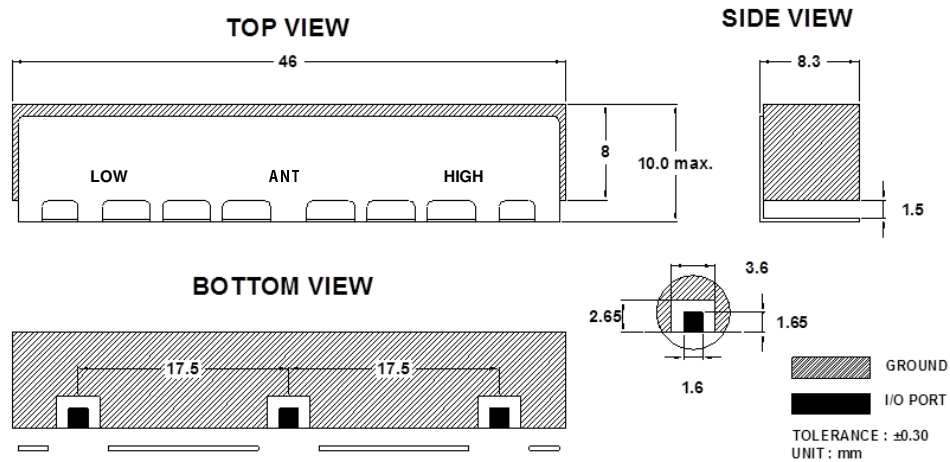
### Descriptions

Surface mount ceramic duplexer developed for LTE band-3 applications.

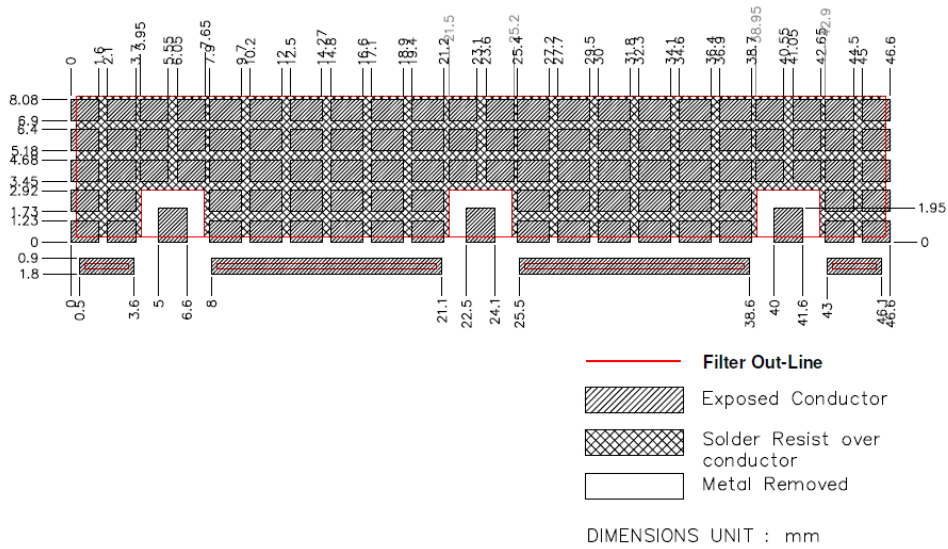
### Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1747.5	1842.5
Passband Frequency Range	MHz	$F_c \pm 37.5$ (1710~1785MHz)	$F_c \pm 37.5$ (1805~1880MHz)
Insertion Loss in Passband	dB	3.2 max	3.2 max
Ripple in Passband	dB	2.2 max	2.2 max
Return Loss (VSWR) in Passband	dB	15.0 min	15.0 min
Attenuation at Reject Band	dB	55 min @ 1805~1880MHz	55 min @ 1710~1785MHz
		15 min@1795MHz	
Isolation	dB	55	
Power Handling	Watt	3 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions (max)	mm	46 x 10 x 8.3 (L x W x H)	

### Mechanical Drawing



## Recommended PCB Layout



## Electrical Response

