

## Features

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

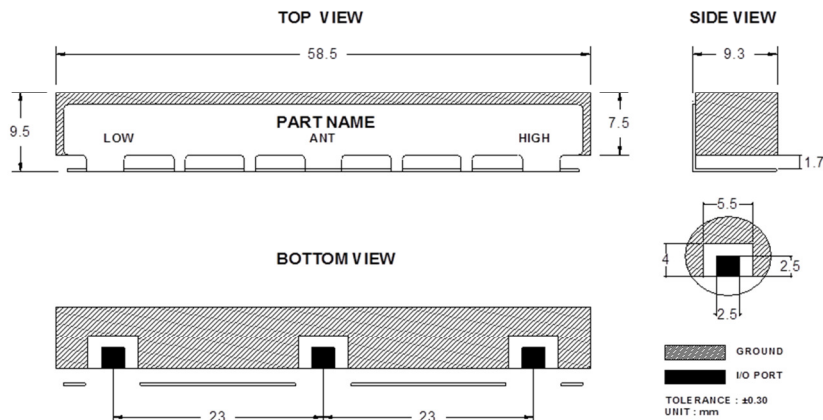
## Descriptions

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

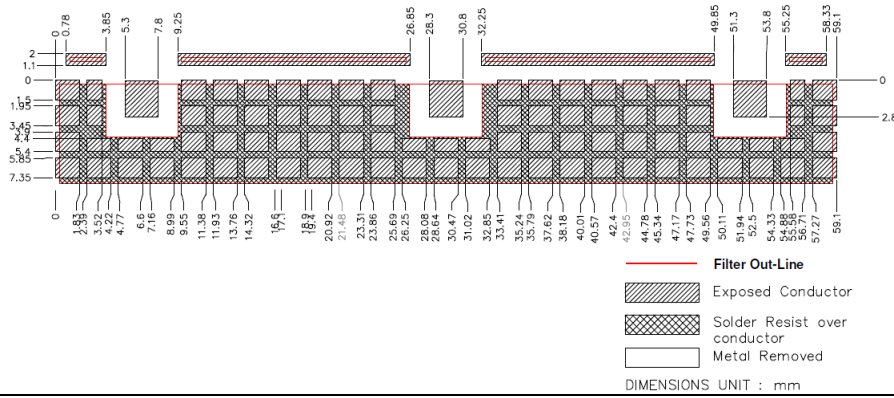
## Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1735	1830
Passband Frequency Range	MHz	$F_c \pm 25$ (1710~1760MHz)	$F_c \pm 25$ (1805~1855MHz)
Insertion Loss in Passband	dB	2.0 max	3.0 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	18.0 min	18.0 min
Attenuation	dB	30 min @ DC~960MHz	
		30 min @ 1930~2700MHz	
		50 min @ 1805~1855MHz	65 min @ 1710~1760MHz
		30 min @ 960~1500MHz	40 min @ 960~1710MHz
Power Handling	Watt	10 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions (max)	mm	58.5 x 9.5 x 9.3 (L x W x H)	

## Mechanical Drawing



## Recommended PCB Drawing



## Electrical Response

