

## Features

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

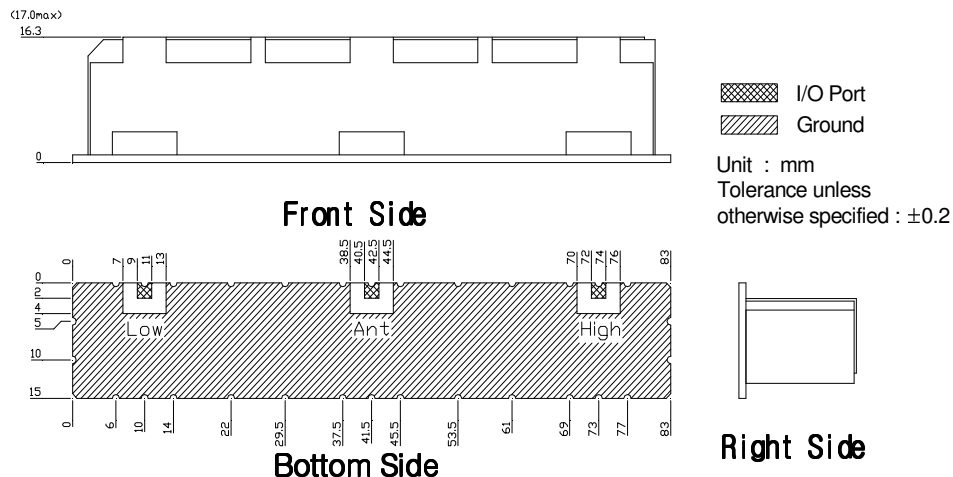
## Descriptions

Surface mount high power ceramic duplexer developed for LTE band-7 applications.

## Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	2535	2655
Passband Frequency Range	MHz	$F_c \pm 35$ (2500 ~ 2570)	$F_c \pm 35$ (2620 ~ 2690)
Insertion Loss in Passband	dB	2.0 max	2.0 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	55min@ 2620 ~ 2690MHz	55min@ 2500 ~ 2570MHz
Power Handling	Watt	20 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	83.0 x 15.0 x 17.0 (L x W x H)	

## Mechanical Drawing



## Recommended PCB Layout

