

## Features

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

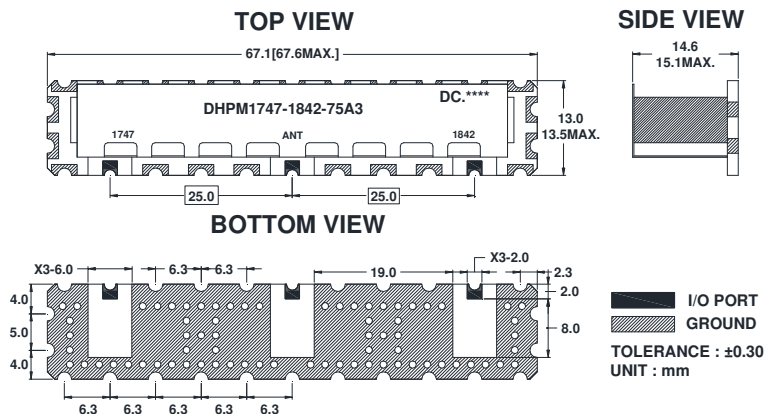
## Descriptions

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

## Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	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	2.0 max	2.0 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	15.0 min	15.0 min
Attenuation	dB	30 min @ 1805~1880MHz	25 min @ 1710~1785MHz
Power Handling	Watt	10 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions (max)	mm	67.6 x 13.5 x 15.1 (L x W x H)	

## Mechanical Drawing



## Electrical Response

