

## Features

- Low insertion loss
- Small footprint
- Surface mount
- WCS & LTE Ceramic Triplexer

## Descriptions

Surface mount, Silver coated ceramic triplexer developed for WCS & LTE applications. Filters are composed of silver plated ceramic blocks with metal covers.

## Electrical Specifications

Parameter	Unit	Specification		
		Band 1(WCS)	Band 2 (WCS)	Band 3 (LTE)
Center Frequency	MHz	2310	2355	2600
Band Width	MHz	2305 ~ 2315	2350 ~ 2360	2500 ~ 2700
Insertion Loss in BW	dB	2.5 max	2.5 max	2.0 max
Ripple in BW	dB	1.0 max	1.0 max	1.0 max
Return Loss (VSWR)	dB	15 min	15 min	15 min
Attenuation	dB	55 min@2350~2360MHz	55 min@2305~2315MHz	
			3 min@2320~2345MHz	
			3 min@2365~2380MHz	
Isolation	dB	40 min@2350~2360MHz	40 min@2305~2315MHz	40min@2305~2315MHz
		75 min@2500~2700MHz	75 min@2500~2700MHz	40min@2315~2350MHz
				40min@2350~2360MHz
Input Power	Watt	6 max (CW)		
IN/OUT Impedance	$\Omega$	50		
Operating Temp. Range	$^{\circ}\text{C}$	-40 to +85		
Dimensions (maximum)	mm	55 L x 35 W x 9.5 H		

## Mechanical Drawing

