

# MPX3-000006A1

L, S, C Band Ceramic Triplexer

Rev 1 – Revision Date: November 10, 2014

## Features

- Low insertion loss
- Small footprint
- Surface mount
- L, S & C Band Ceramic Triplexer

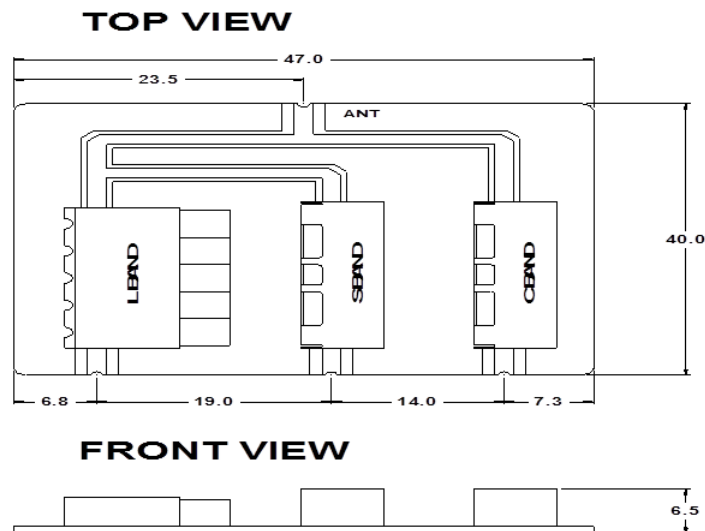
## Descriptions

Surface mount ceramic triplexer developed for L, S and C band applications.

## Electrical Specifications

Parameter	Unit	Specification		
		Band L	Band S	Band C
Center Frequency	MHz	1640	2335	4900
Band Width	MHz	1430 ~ 1850	2185 ~ 2485	4400 ~ 5400
Insertion Loss in BW	dB	2.0 max	2.0 max	2.0 max
Ripple in BW	dB	1.2 max	1.2 max	1.2 max
Return Loss (VSWR)	dB	2.0:1 max	2.0:1 max	2.0:1 max
Attenuation	dB	30 min@1230MHz	30 min@1985MHz	30 min@4200MHz
		25 min@2050MHz	25 min@2685MHz	25 min@5600MHz
Input Power	Watt	1 max (CW), 5 max (peak)		
IN/OUT Impedance	$\Omega$	50		
Operating Temp. Range	$^{\circ}\text{C}$	-40 to +85		
RoHS	-	Yes		
Dimensions	mm	47 L x 40 W x 6.5 H		

## Mechanical Drawing



## Electrical Response

