

## Features

- High Q, Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

## Descriptions

Surface mount ceramic duplexer developed for UHF band applications.

## Electrical Specifications

Parameter	Unit	Specification	
		Low(RX)	High(TX)
Center Frequency	MHz	494	542
Pass Bandwidth	MHz	Fc ±4 min (490~498)	Fc ±4 min (538~546)
Insertion Loss in BW	dB	2.1 max	3.0 max
Passband Ripple	dB	0.8 max	0.8 max
Return Loss in BW	dB	15.0 min	15.0 min
Attenuation	dB	40 min @ 506~546MHz	40 min @ 490~530MHz
		35 min @ 452~482MHz	38 min @ 554~584MHz
Input Power	W	20 Avg; 50 Peak max	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	°C	-20 ~ +70	
Dimension	mm	80.5 x 23.5 x 18.0 (L x W x H)	

## Mechanical Drawing

