

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	387.5	397.5
Pass Bandwidth	MHz	$F_c \pm 2.5 \text{ min (385~390)}$	$F_c \pm 2.5 \text{ min (395~400)}$
Insertion Loss in BW	dB	3.0 max	3.0 max
Passband Ripple	dB	2.0 max	2.0 max
Return Loss in BW	dB	15.0 min	15.0 min
Attenuation	dB	55 min @ 395~400MHz	55 min @ 385~390MHz
Input Power	W	20 Avg max	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	$^{\circ}\text{C}$	-20 ~ +70	
Dimension	mm	80.0 x 22.0 x 18.0 (L x W x H)	

Mechanical Drawing

