

Features

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

Descriptions

Surface mount mono-block ceramic duplexer developed for UHF band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	425	495
Passband Frequency Range	MHz	$F_c \pm 15$ (410~440MHz)	$F_c \pm 15$ (480~510MHz)
Insertion Loss in Passband	dB	2.5 max	2.5 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	65 min @ 480~510MHz	65 min @ 410~440MHz
Isolation	dB	65 min @ 410 ~ 510MHz	
Power Handling	Watt	1.0 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions (max)	mm	65.5 x 26.0 x 11.0 (L x W x H)	

Mechanical Drawing

