

Features

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

Descriptions

High power surface mount ceramic duplexer developed for UHF band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	414.5	424.5
Passband Frequency Range	MHz	5 (412~417)	5 (422~427)
Insertion Loss in Passband	dB	2.5 max	2.5 max
Ripple in Passband	dB	1.8 max	1.8 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	42 min @422~427MHz	42 min @412~417MHz
Power Handling	Watt	20 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-20 ~ +70	
Dimensions (max)	mm	80.0 x 22.0x 16.3 (L x W x H)	

Mechanical Drawing

