

Features

- 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	HIGH
Center Frequency	MHz	538	692
Passband Frequency Range	MHz	526 ~ 550	680 ~ 704
Insertion Loss in Passband	dB	1.0 max	1.0 max
Ripple in Passband	dB	0.8 max	0.8 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dBc	50 min @ 680 ~ 704MHz	50 min @ 526 ~ 550MHz
Isolation	dB	50 min	
Group Delay Variation	nS	2.0 max	
Power Handling	Watt	3.0 CW	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +80	
Dimensions	mm	38 x 21 x 7.3 (L x W x H)	

Mechanical Drawing

