

Features

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

Descriptions

Surface mount discrete resonator ceramic duplexer developed for UHF band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	500	659
Passband Frequency Range	MHz	$F_c \pm 12$ (488~512)	$F_c \pm 12$ (647~671)
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	15.0 min	15.0 min
Attenuation	dBc	50 min @ 647~671MHz	50 min @ 488~512MHz
Group Delay Variation	ns	2.0 max	
Isolation	dBc	50 min	
Power Handling	Watt	3.0 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +80	
Dimensions (max)	mm	38.0 x 21.0 x 7.3 (L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

