

Features

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

Descriptions

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

Electrical Specifications

Parameter	Unit	Specification	
		LOW(RX)	HIGH(TX)
Center Frequency	MHz	382.5	392.5
Passband Frequency Range	MHz	$F_c \pm 2.5$ min (380~385 MHz)	$F_c \pm 2.5$ min (390~395 MHz)
Insertion Loss in Passband	dB	5.45 max	5.45 max
Ripple in Passband	dB	0.5 max	0.5 max
Return Loss (VSWR) in Passband	dB	15.0 min	15.0 min
Attenuation at Reject Band	dB	15 min @ 390~395MHz	15 min @ 380~385MHz
		30 min @ 350MHz	30 min @ 360MHz
		30 min @ 415MHz	30 min @ 425MHz
Power Handling	Watt	1 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-45 ~ +85	
Dimensions (max)	mm	13.5 x 12.0 x 5.0 (L x W x H)	

Mechanical Drawing

