

Features

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

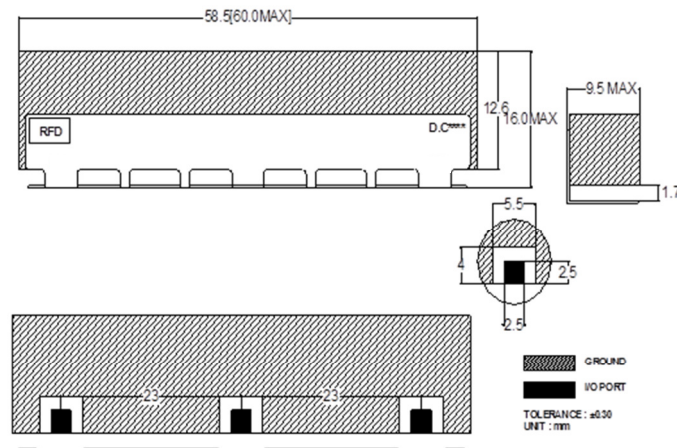
Descriptions

Surface mount ceramic duplexer developed for GSM band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	815	860
Passband Frequency Range	MHz	$F_c \pm 9$ (806 ~ 824)	$F_c \pm 9$ (851 ~ 869)
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 min	18 min
Attenuation at Reject Band	dB	65 min @ 851 ~ 869 MHz	50 min @ 806 ~ 824MHz
Power Handling	Watt	5 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	60.0 x 16.0 x 9.5 (L x W x H)	

Mechanical Drawing



Electrical Response

