

Features

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

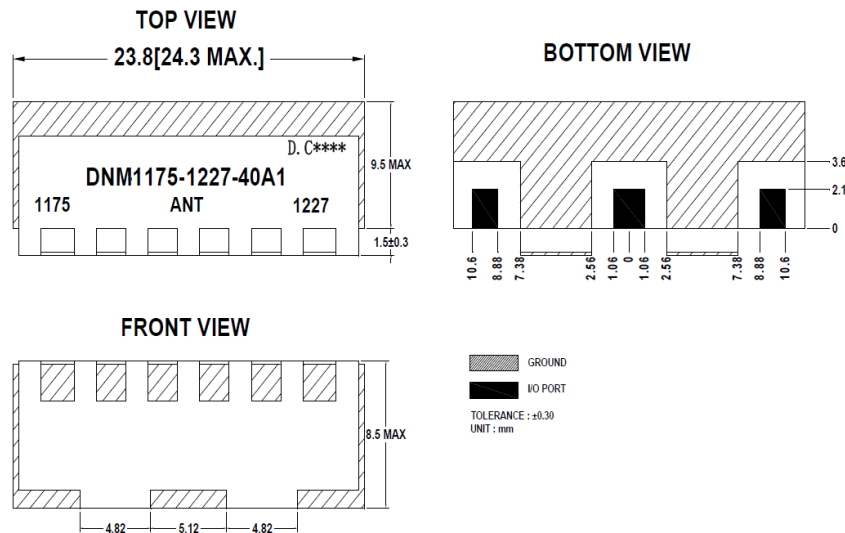
Descriptions

Surface mount ceramic duplexer developed for L band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1175.45	1227.42
Passband Frequency Range	MHz	$F_c \pm 12$ (1163.45~ 1187.45)	$F_c \pm 20$ (1207.42 ~ 1247.42)
Insertion Loss in Passband	dB	1.3 max	1.3 max
Ripple in Passband	dB	0.8 max	0.8 max
Return Loss (VSWR) in Passband	dB	14 min	14 min
Attenuation at Reject Band	dB	25 min @ 1207 ~ 1247 MHz	25 min @ 1163 ~ 1187MHz
Power Handling	Watt	4 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	24.3 x 11.3 x 8.5 (L x W x H)	

Mechanical Drawing



Electrical Response

