

Features

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

Descriptions

Surface mount ceramic duplexer developed for GPS band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1249	1577
Passband Frequency Range	MHz	$F_c \pm 33.5$ (1216~1283MHz)	$F_c \pm 33$ (1544 ~ 1610MHz)
Insertion Loss in Passband	dB		1.2 max
Ripple in Passband	dB		0.8 max
Return Loss (VSWR) in Passband	dB		18 min
Attenuation at Reject Band	dB		65 min @ 1216 ~ 1283MHz
			60 min @ 1377 ~ 1444MHz
			20 min @ 1526 ~ 1536MHz
			20 min @ 1626 ~ 1636MHz
			30 min @ 1670 ~ 1680MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	- CW max	
Operating Temperature	°C	-30 ~ +75	
Dimensions	mm	41.0 x 46.0 x 13.5(L x W x H)	

Mechanical Drawing

