

# RCC17500-1000A1

Ku Band Cavity Band Reject Filter

Rev 1 – Revision Date: July 30, 2015

## Features

- Low Insertion Loss
- High Rejection
- Compact Size
- SMA Connector Mount

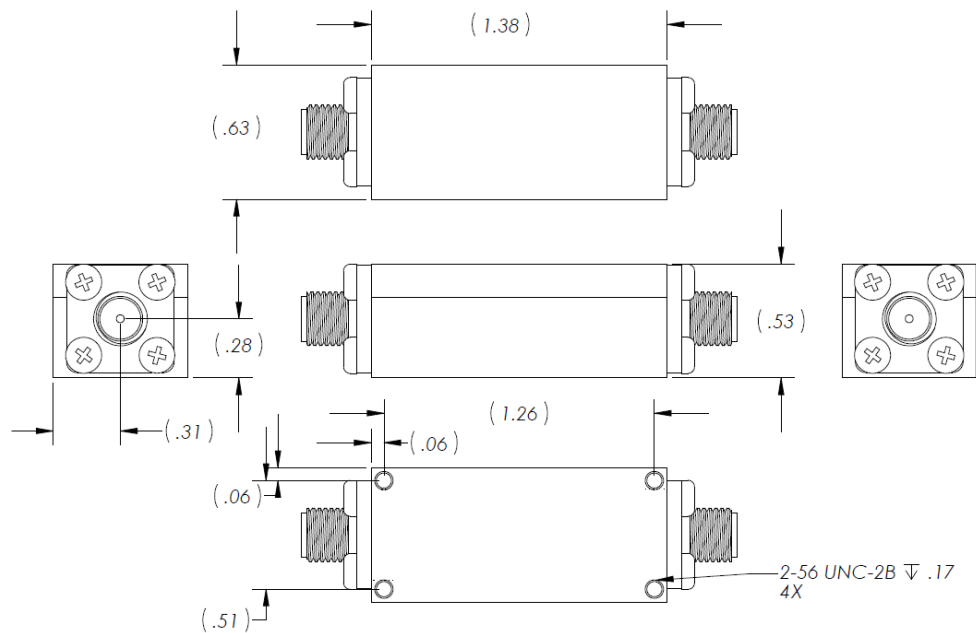
## Descriptions

SMA Connector mount cavity band reject filter developed for Ku band applications.

## Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	17500
Passband Frequency Range	MHz	8000 ~ 15950
		18950 ~ 20000
Insertion Loss in Passband	dB	1.5 max
Ripple in Passband	dB	0.5 max
Return Loss (VSWR) in Passband	dB	15 min
Attenuation at Reject Band	dB	30 min @ 17000 ~ 18000MHz
In/Out Impedance	Ohm	50
Power Handling	Watt	20 (CW) max
Operating Temperature	°C	-30 ~ +70
Dimensions	inch	1.38 x 0.63 x 0.53 (L x W x H)

## Mechanical Drawing



## Electrical Response

