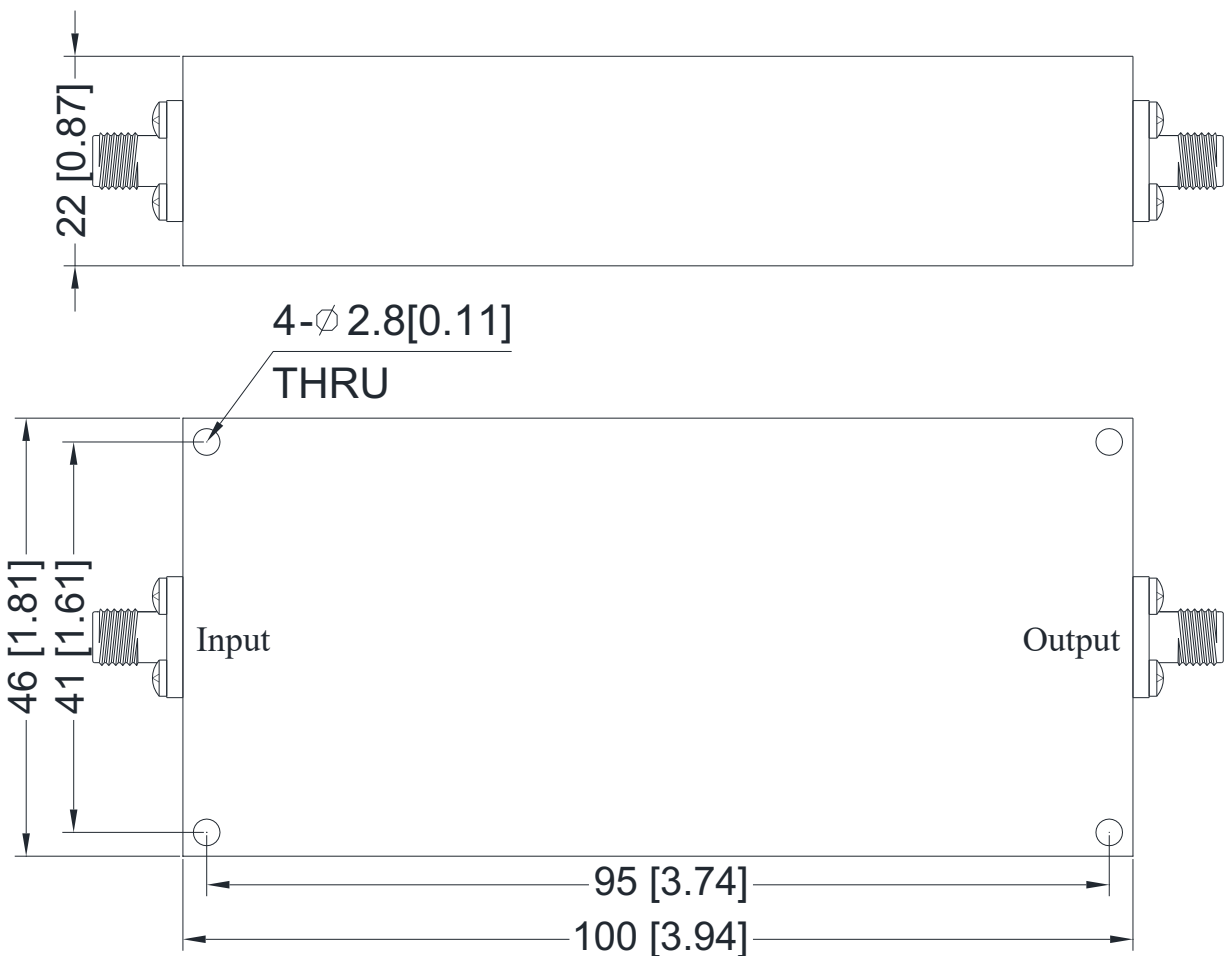


HD34155

Cavity Band Pass Filter

PRELIMINARY SPECIFICATION

■ Mechanical Drawing



Note

- 1. Connector : SMA(Female)
- 2. Material : Aluminum
- 3. Finish : Black
- 4. Unit : mm [inches]
- 5. Outline tolerance : $\pm 0.25[0.01]$



HD34155

Cavity Band Pass Filter

■ **Electrical Specification**

Parameter	Specification	Remark
1. Center Frequency	1100MHz	
2. Frequency Range	$f_0 \pm 140$ [960~1240]MHz	
3. Insertion Loss	0.8dB Max.	
4. Pass Band Ripple	0.5dB Max.	
5. VSWR	1:1.4 Max.	
6. Rejection	30dB Min@860MHz	
	30dB Min@1350MHz	
7. Power Rating	10W Typ.	
8. Impedance	50Ω	

■ **Environmental Specification**

Parameter	Specification	Remark
1. Operating Temperature	-30 ~ + 70°C	
2. Storage Temperature	-40 ~ + 80°C	
3. Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis.	
4. Humidity	100% RH at 35°C 95% RH at 40°C	
5. Shock	20G for 11msec half sinewave, 3 axis both directions	

Remarks: This is a preliminary datasheet for reference.

■ **Simulation Curve**

