

PRELIMINARY SPECIFICATION

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1350MHz	
2. Bandwidth [BW]	$F_c \pm 50\text{MHz}$ [1300~1400MHz]	3dB BW (1280~1420MHz)
3. Insertion Loss in BW	1.0dB Max.	
4. VSWR	1.4:1 Max..	
5. Rejections	50dB Min @ 1 GHz	
	50dB Min @ 1.8~3 GHz	
6. In/Out Impedance	50Ohm	
7. Operating Temperature	-20°C ~ +80°C	
8. Power Handling	10W(CW Passband)	



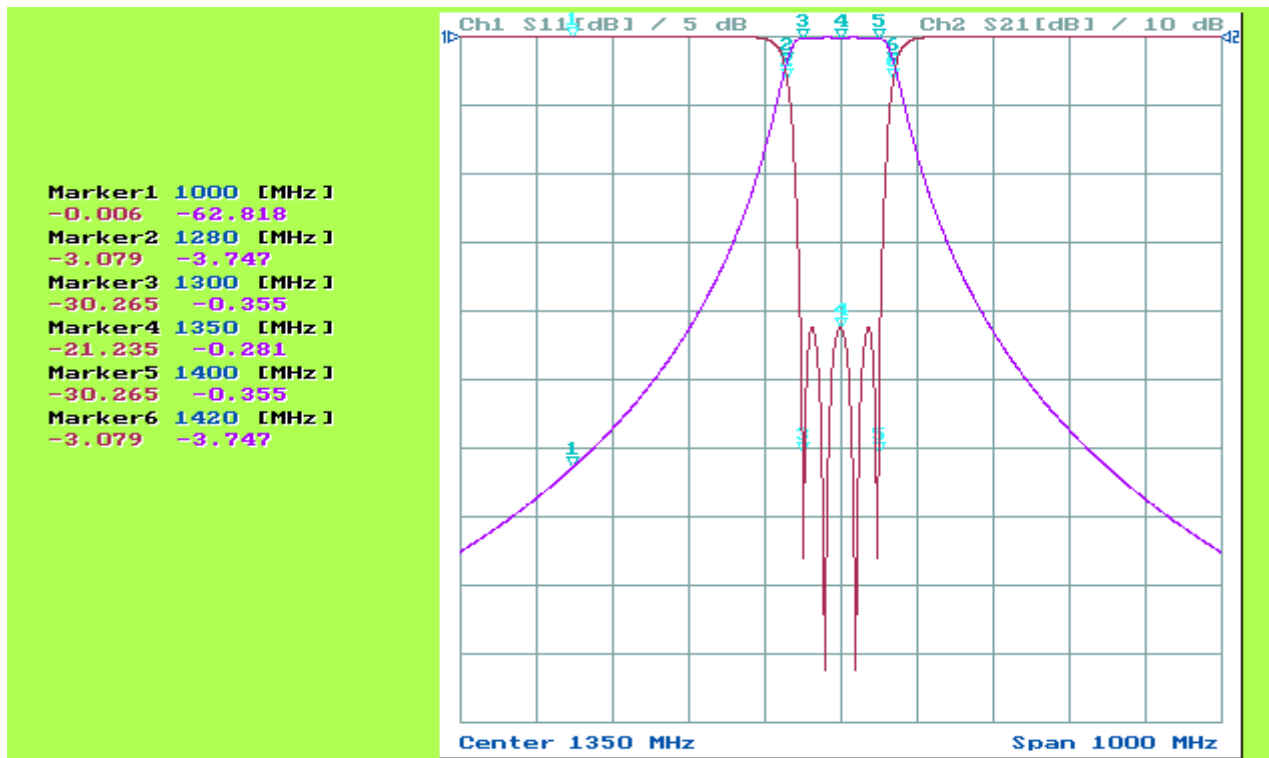
**HD34159**

**Band Pass Filter**

9. Size (W × D × H)	30.0x90.0x42.0 mm	
10. Interface	SMA(F)	
11. Finish	Black	TBD
12. Vibration(operating)	MIL STD 810F Method 514.5 Procedure C1 3 axes 20min	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve



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