

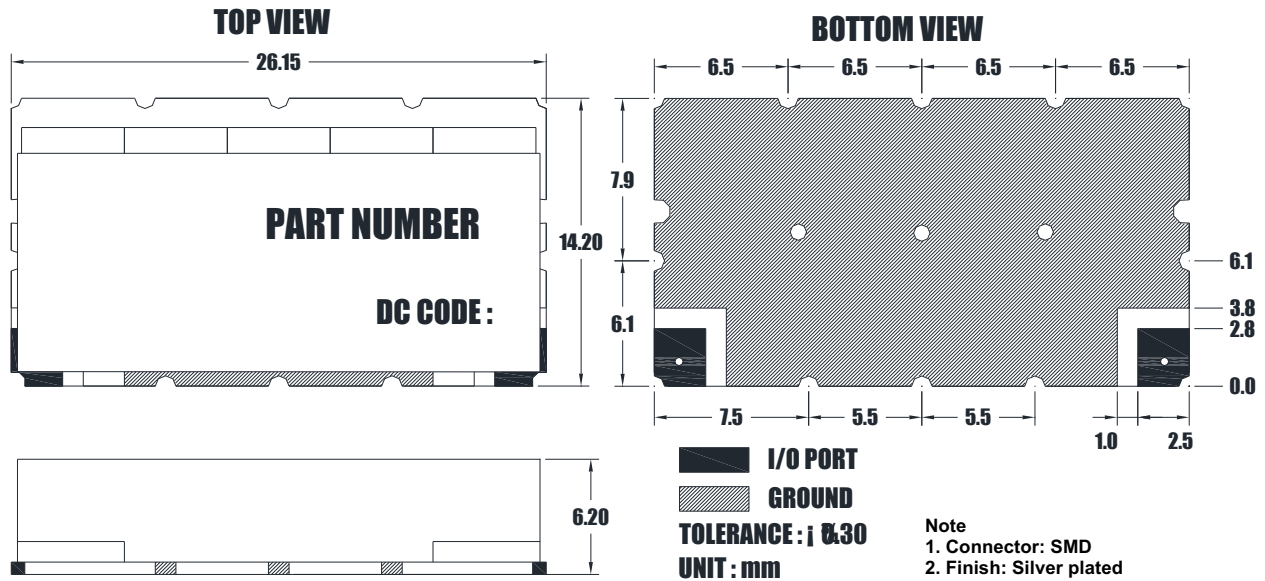
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name: Ceramic Band Pass Filter

Part No: HD34271

■ Mechanical Drawing

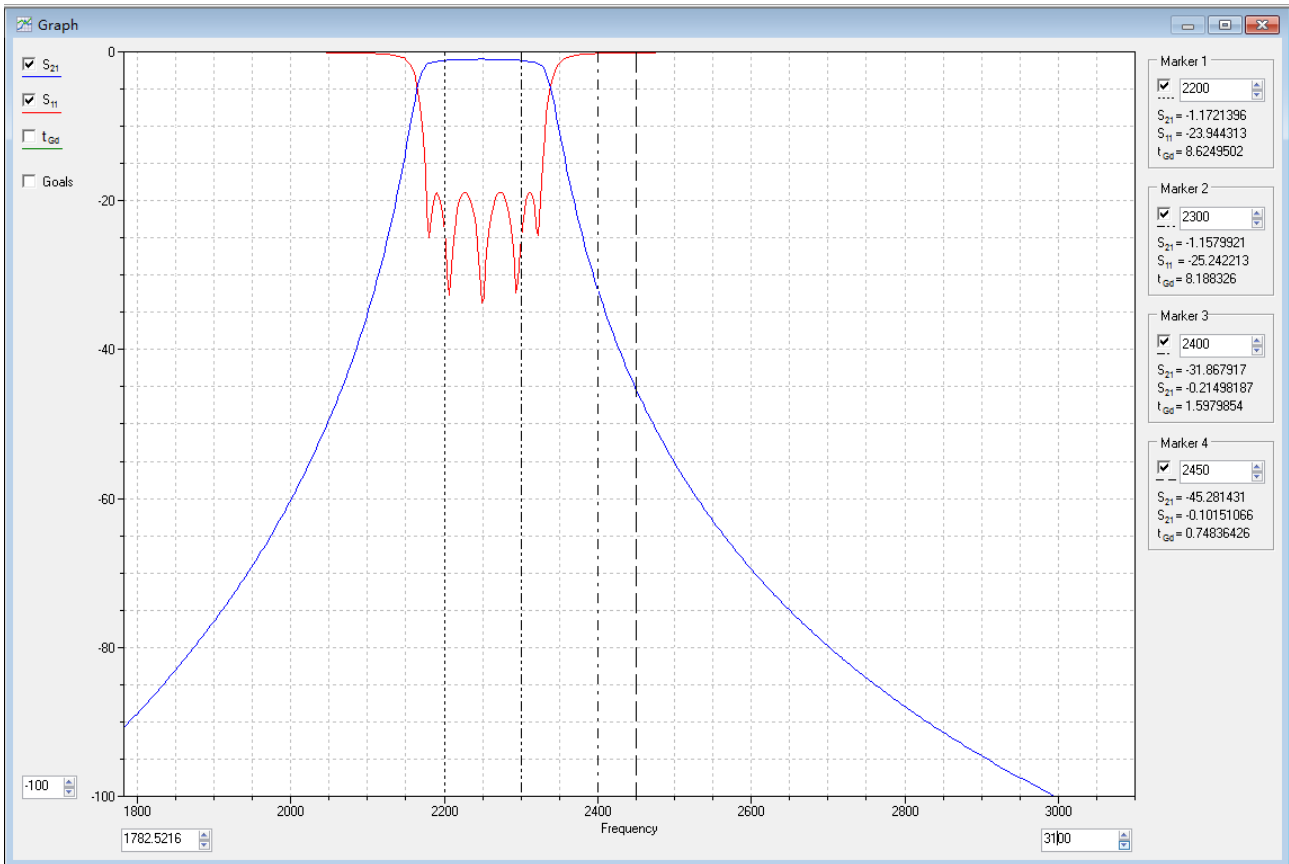


■ Electrical Specification

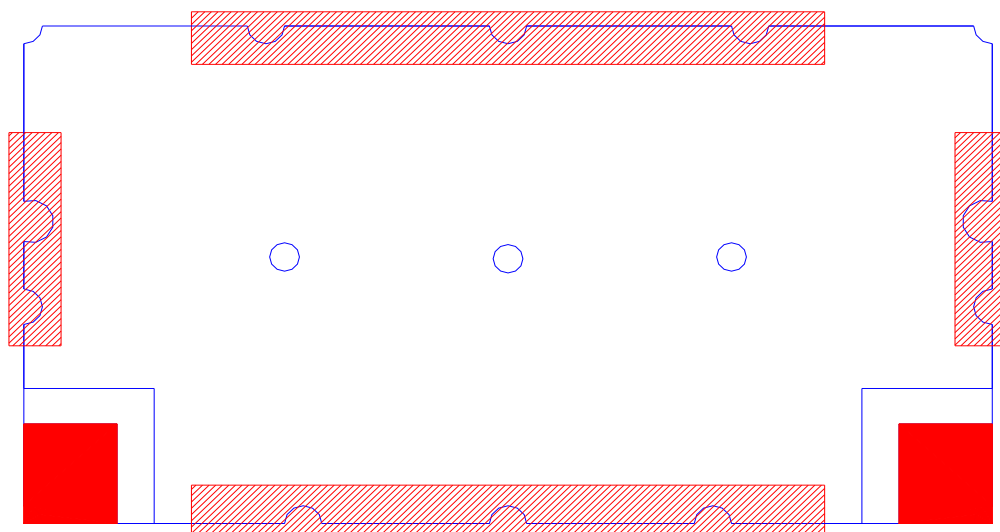
Parameter	Specification	Remark
1. Center Frequency	2250MHz	
2. Bandwidth [BW]	$F_c \pm 50\text{MHz}$ [2200~2300MHz]	
3. Insertion Loss in BW	1.7dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	15dB Min.	
6. In/Out Impedance	50 Ω	
7. Attenuation [Absolute Value]	35dB Min.@ 2100MHz	
	50dB Min.@ 2050MHz	
	68dB Min.@ 1800MHz	
	35dB Min.@ 2400MHz	
	50dB Min.@ 2450MHz	
	50dB Min.@ 4400MHz	
	40dB Min.@5000-8000MHz	
8. Power Handling	10W Max.	
9. Operation Temperature Range	-40°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

Simulation Curve



Recommended PC Board Pattern



 **GROUND SOLDERING POINT**
 **I/O PORT SOLDERING POINT**

Remarks: Recommend using silver-containing solder paste

338 Jericho Turnpike, unit 387

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