

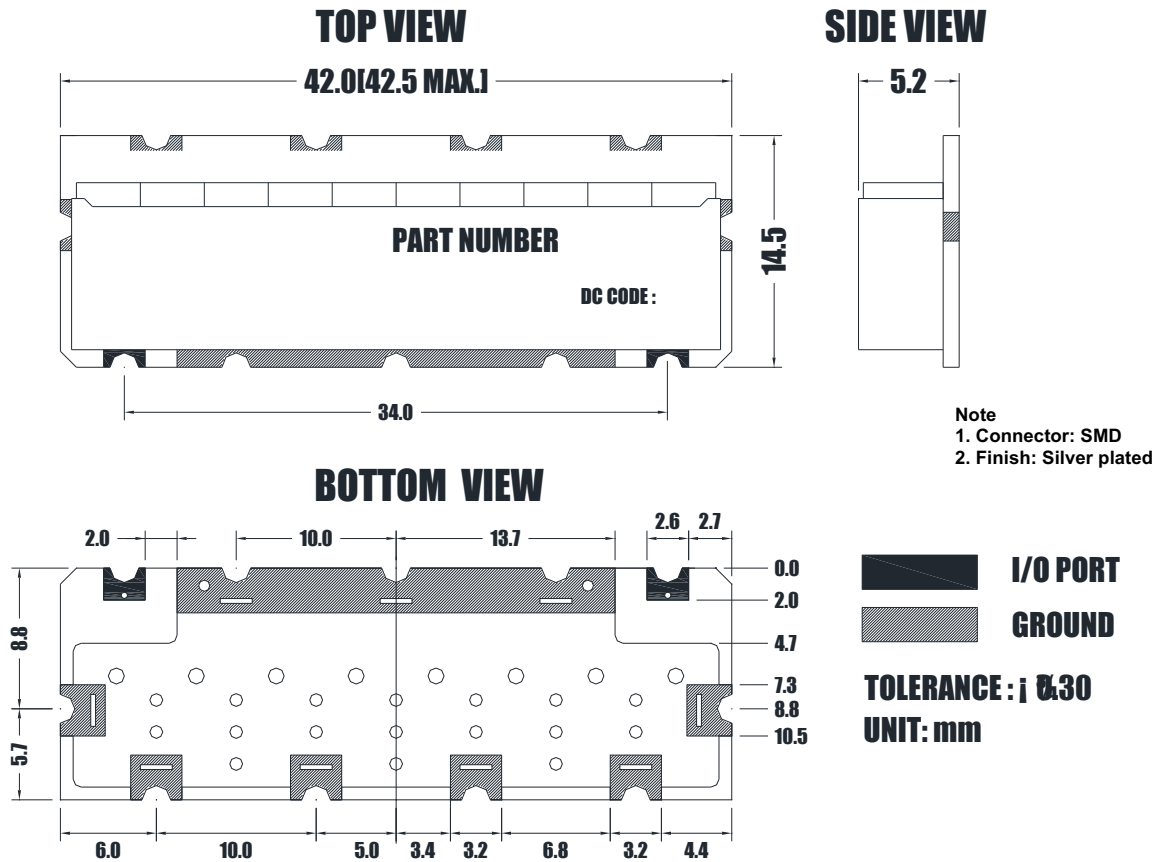
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name: Ceramic Band Pass Filter

Part No: HD34291

■ Mechanical Drawing

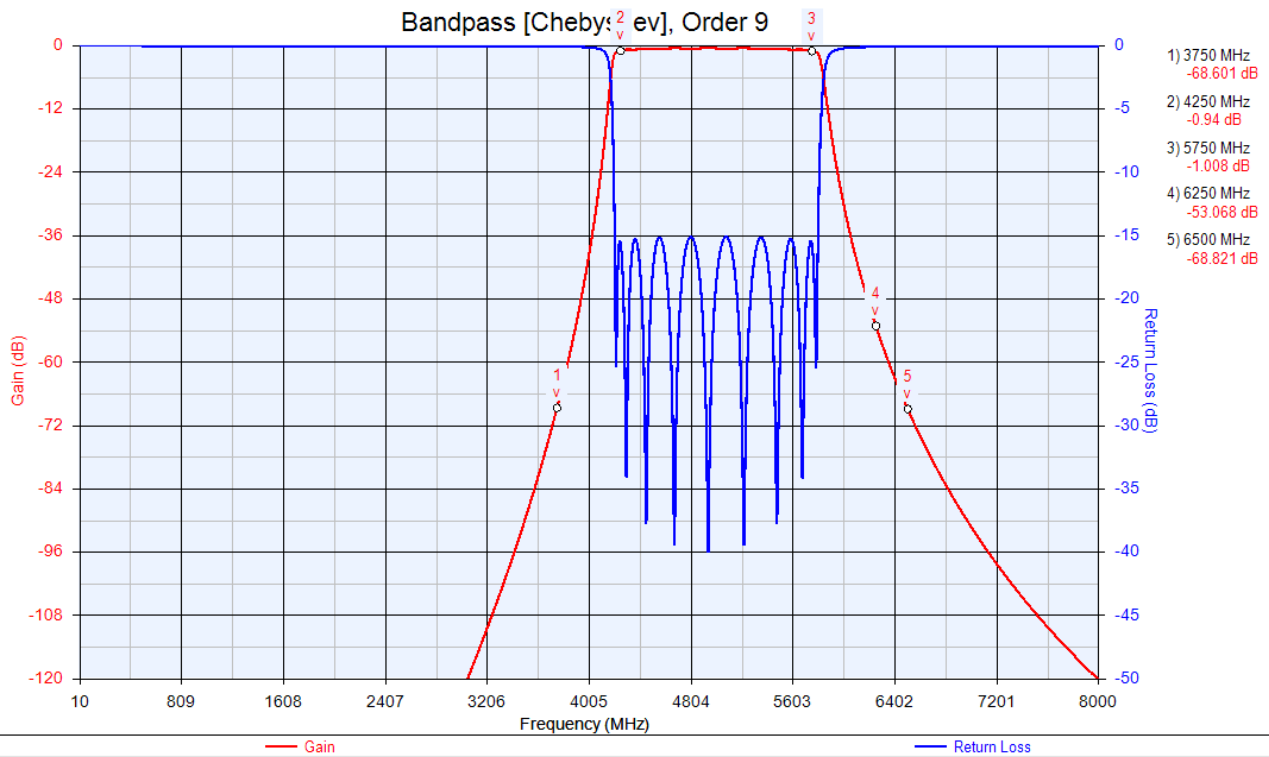


■ Electrical Specification

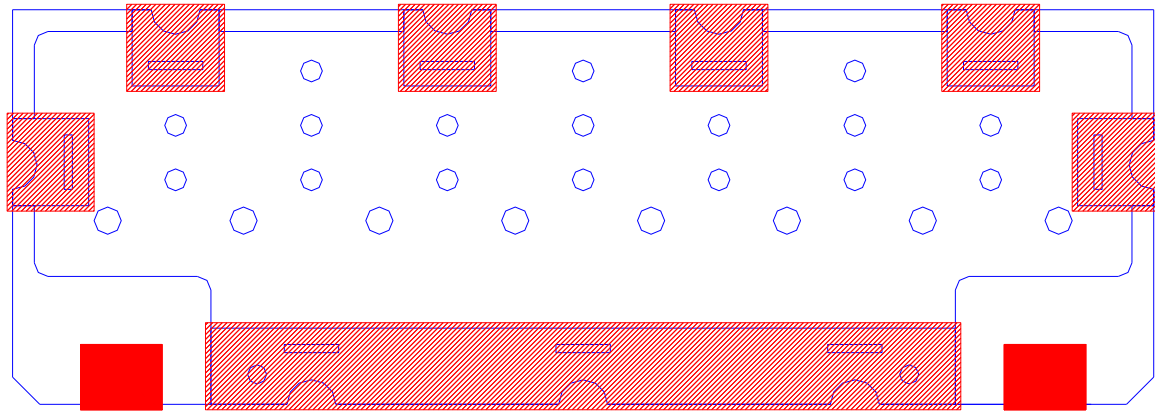
Parameter	Specification	Remark
1. Center Frequency	5000MHz	
2. Bandwidth [BW]	$F_c \pm 750\text{MHz}$ [4250~5750MHz]	
3. Insertion Loss in BW	2.0dB Max.	
4. Ripple in BW	0.8dB Max.	
5. Return Loss in BW	15dB Min.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	60dB Min.@ 3750MHz	
	35dB Min.@ 6250~6500MHz	
8. Power Handling	1W Max.	
9. Operation Temperature Range	-40°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Data



■ Recommended PC Board Pattern



GROUND SOLDERING POINT
I/O PORT SOLDERING POINT

Remarks: Recommend using silver-containing solder paste