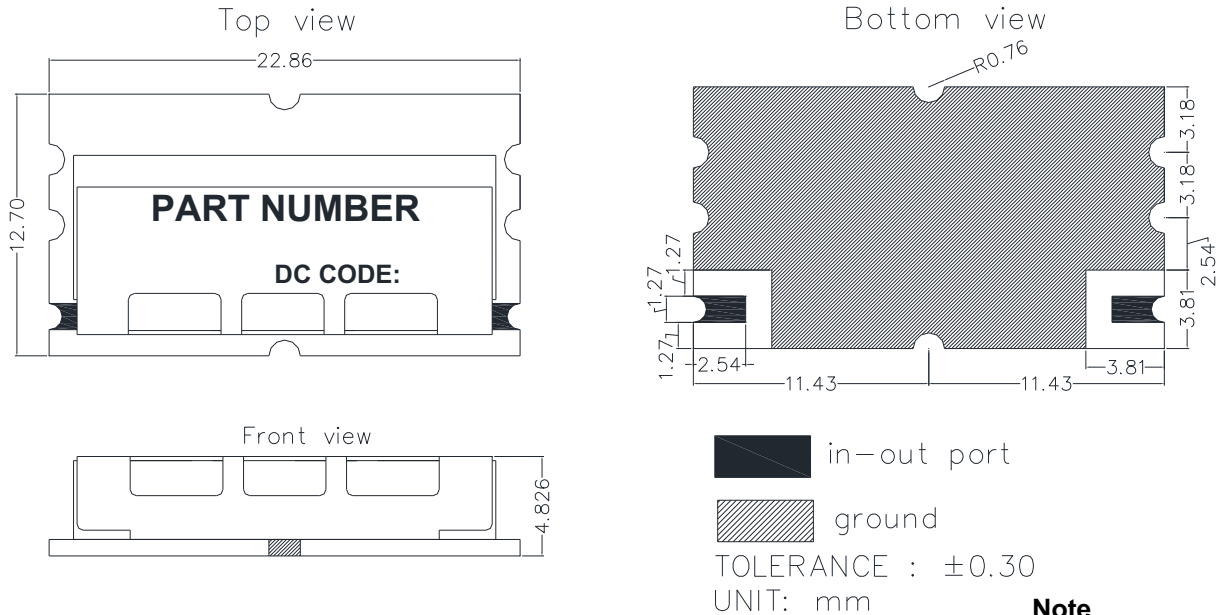


**HD34178**

**MonoBlock Band Pass Filter**

PRELIMINARY SPECIFICATION

■ Mechanical Drawing



**Note**  
1.Connector: SMD

■ Electrical Specification

Item	Specification	Remark
1. Center Frequency	4750MHz	
2. Pass Band Frequency	$f_0 \pm 350$ [4400~5100]MHz	
3. Insertion Loss	2.0dB Max.	
4. Pass Band Return Loss In/Out	14dB Min.	
5. In/Out Impedance	50 $\Omega$	
6. Input Power	1 W max.	
7. Attenuation [Absolute Value]	20 dB min. @ $f_0 + 600$ MHz 40 dB min. @ $f_0 - 600$ MHz	
8. Operation Temperature Range	-40°C to +85°C	

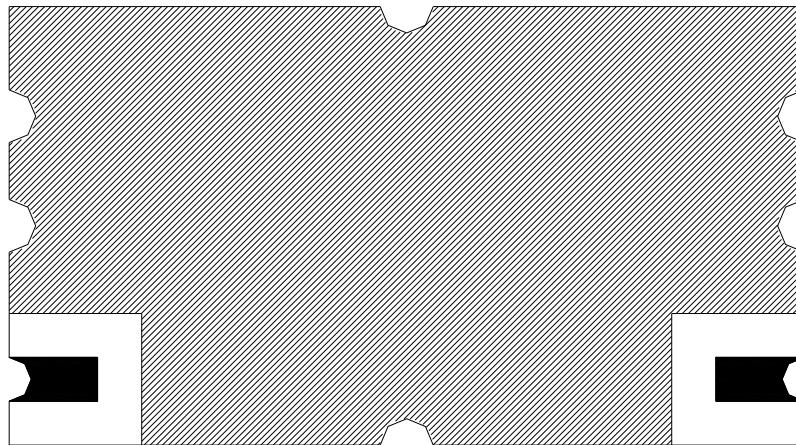
**HD34178**


**MonoBlock Band Pass Filter**

9. Environmental spec	Shock : 20G , 11m sec Rand. Vibration : Opreat. 6.25G rms , 20-2000Hz Non operat. 16.5G rms , 20-200Hz	
10. Package	SMT	

\* Remarks: Preliminary datasheet is just for reference. Final datasheet is subject to the performance of samples.

■ **RECOMMENDED PC BOARD PATTERN**



 i n- out port

 gr ound

Remarks: Recommend to use silver-containing solder paste.