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Ceramic band pass filter		ADBF 3450/80-SCM2	2.0	1 of 4

Electrical Specification of ceramic band pass filter *ADBF 3450/80-SCM2* (Version 2.0)



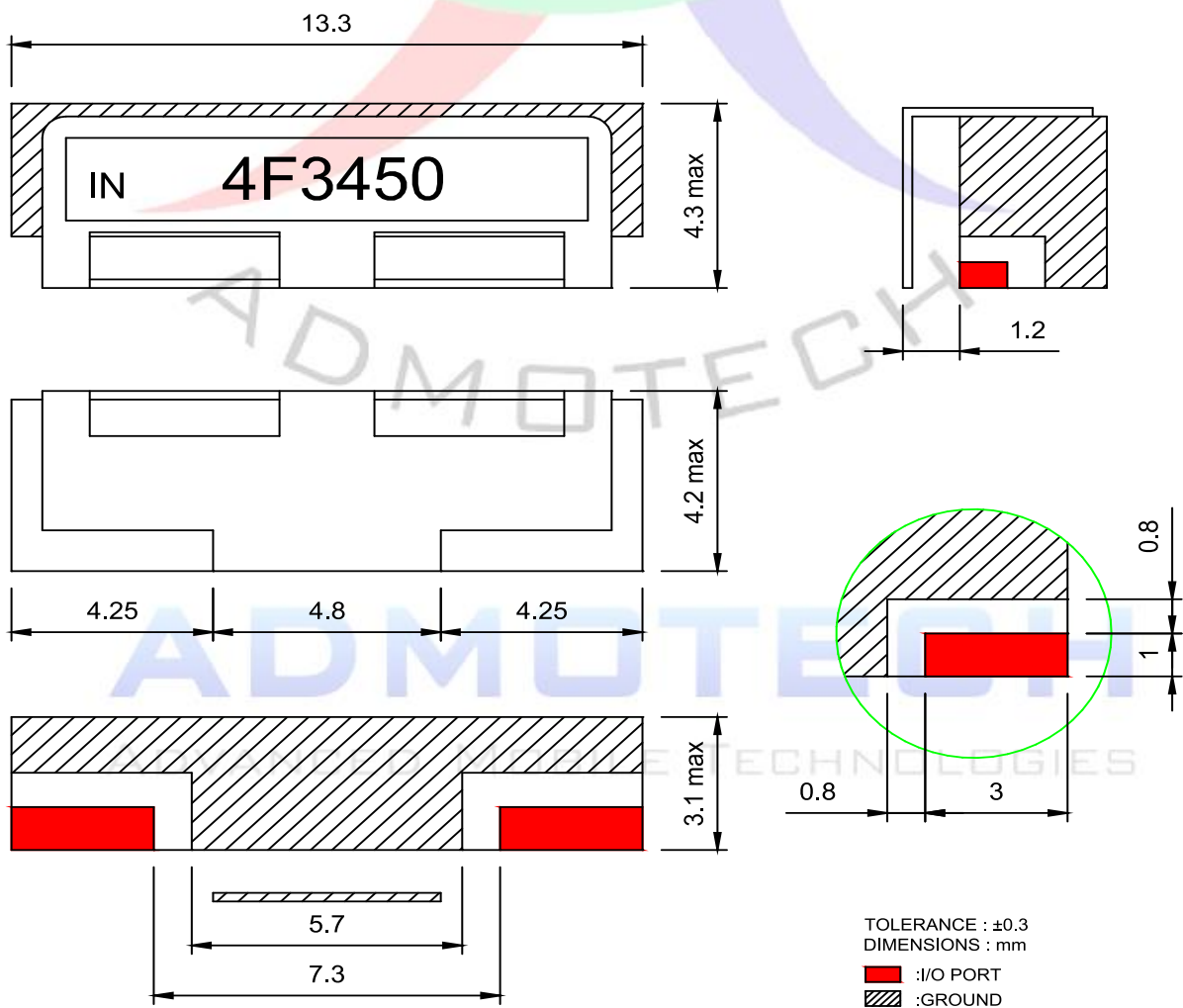
2019. 3. 29.

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1. Electrical Specifications

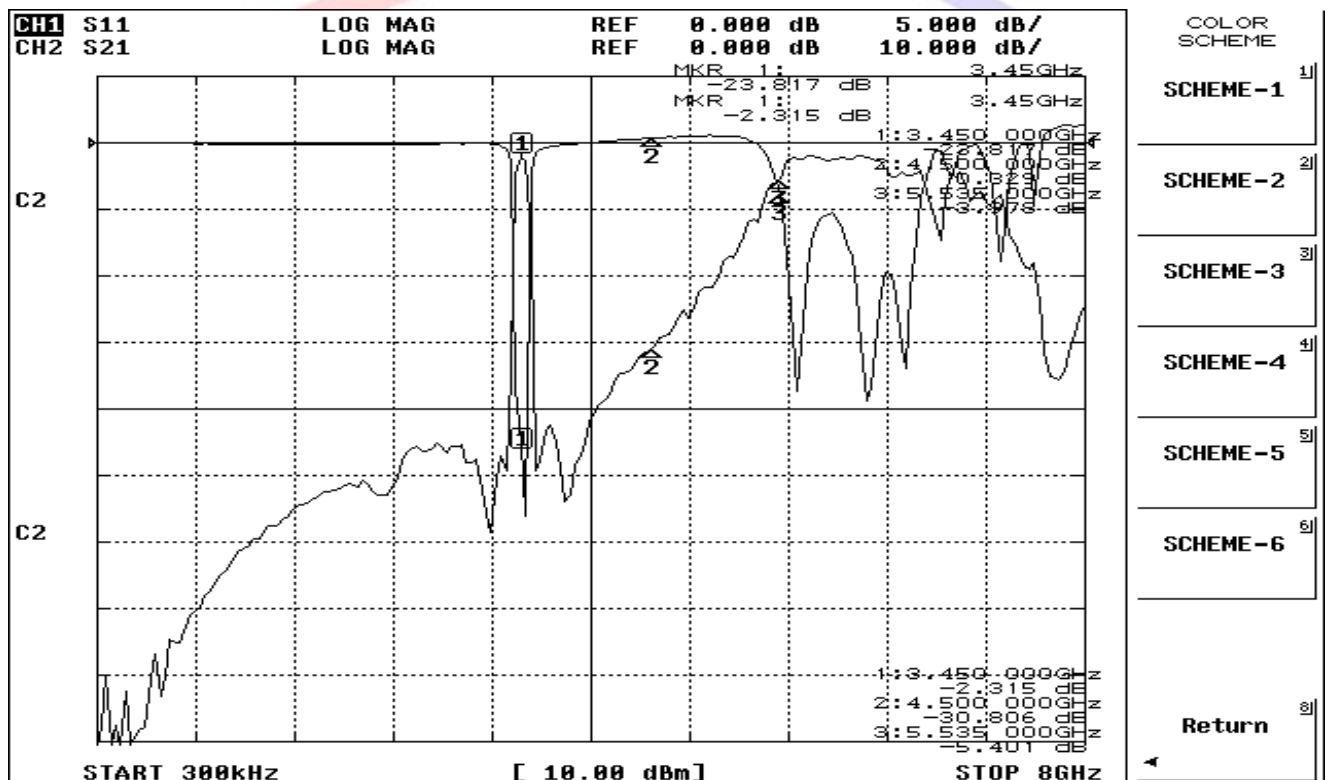
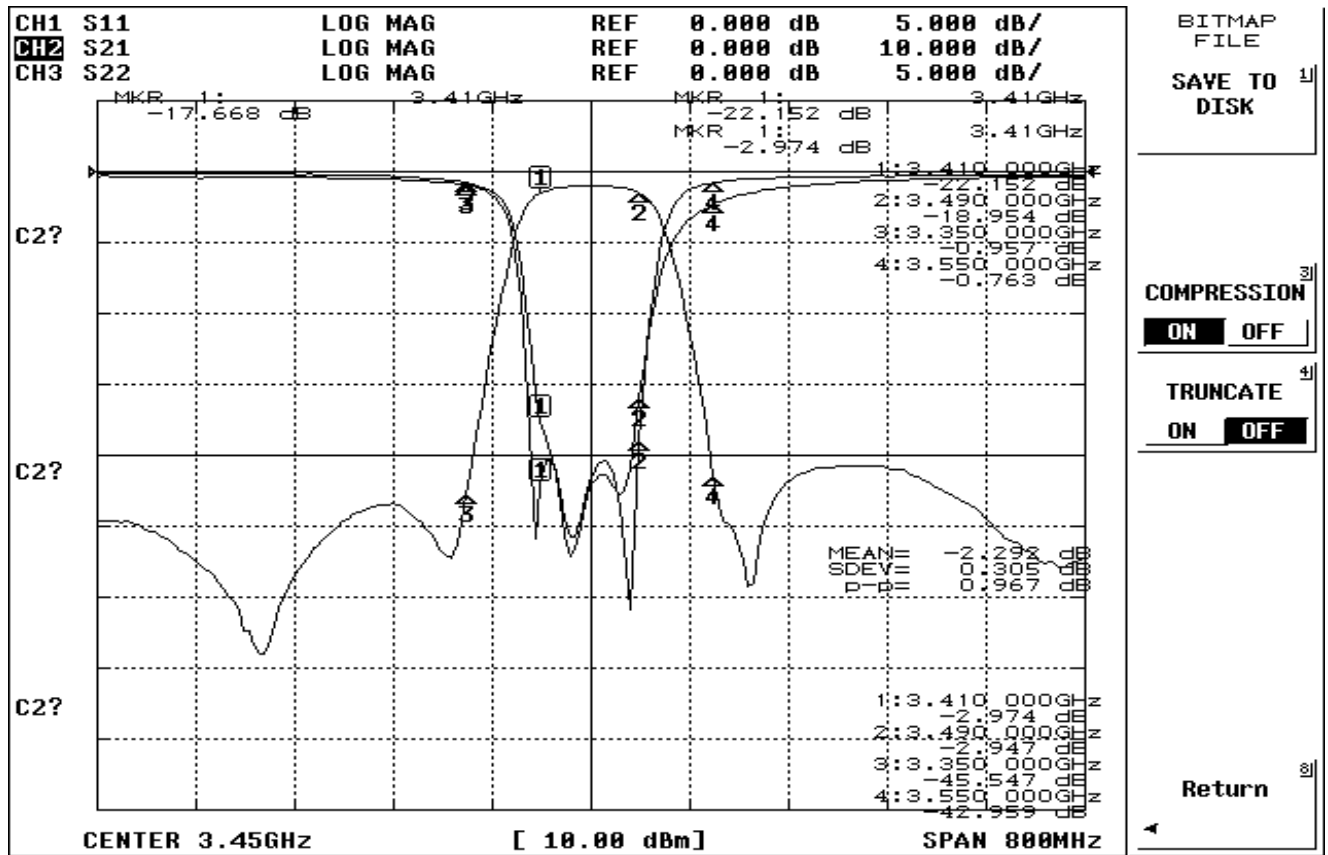
Parameter	Specification	Remark
Center Frequency(f_0)	3450 MHz	
Bandwidth	$f_0 \pm 40$ MHz (3410 - 3490 MHz)	
Insertion Loss	4.0 dB Max.	
Return Loss in BW	14 dB Min.	
Attenuation	40 dB Min. @ $f_0 \pm 100$ MHz 25.0 dB Min. @ 4,500 MHz	
In/Out Impedance	50 Ω Nominal	
Max Input power	2 Watts	
Operating Temp.	-54 $^{\circ}$ C ~ + 105 $^{\circ}$ C	

2. Mechanical Specifications



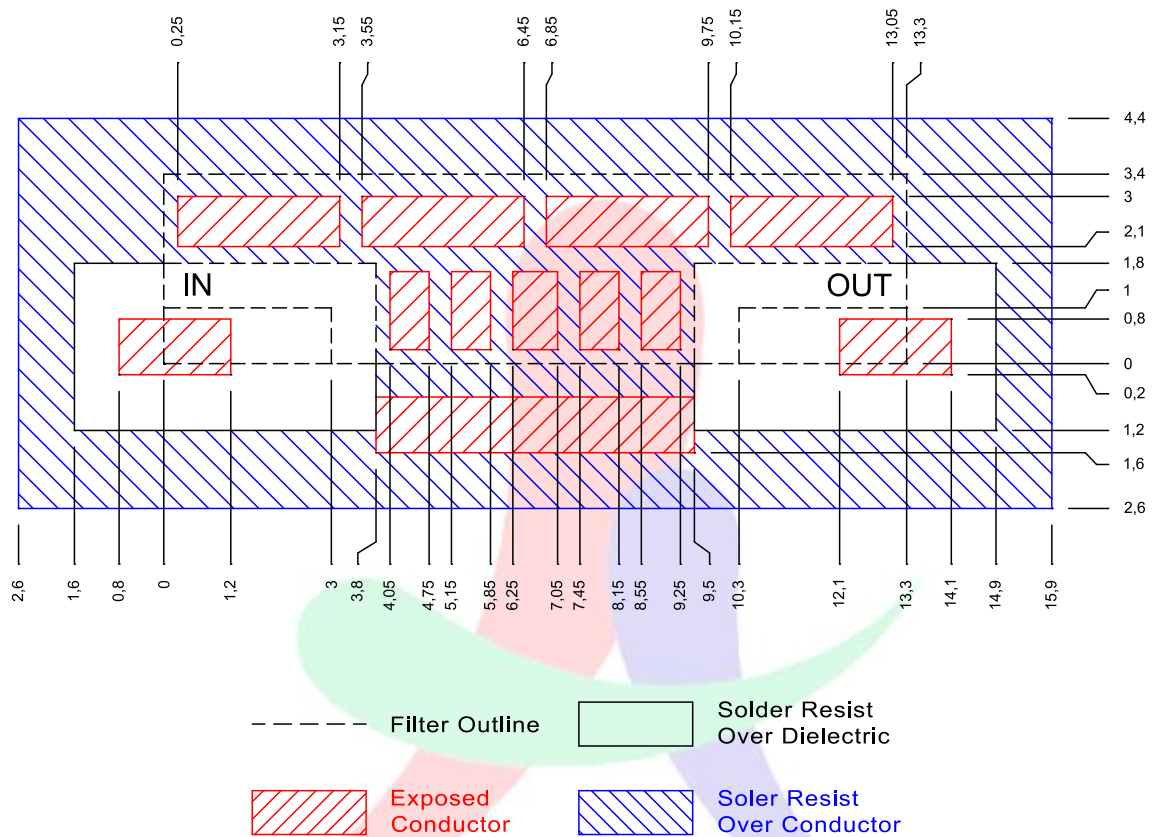
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3. Test Plot

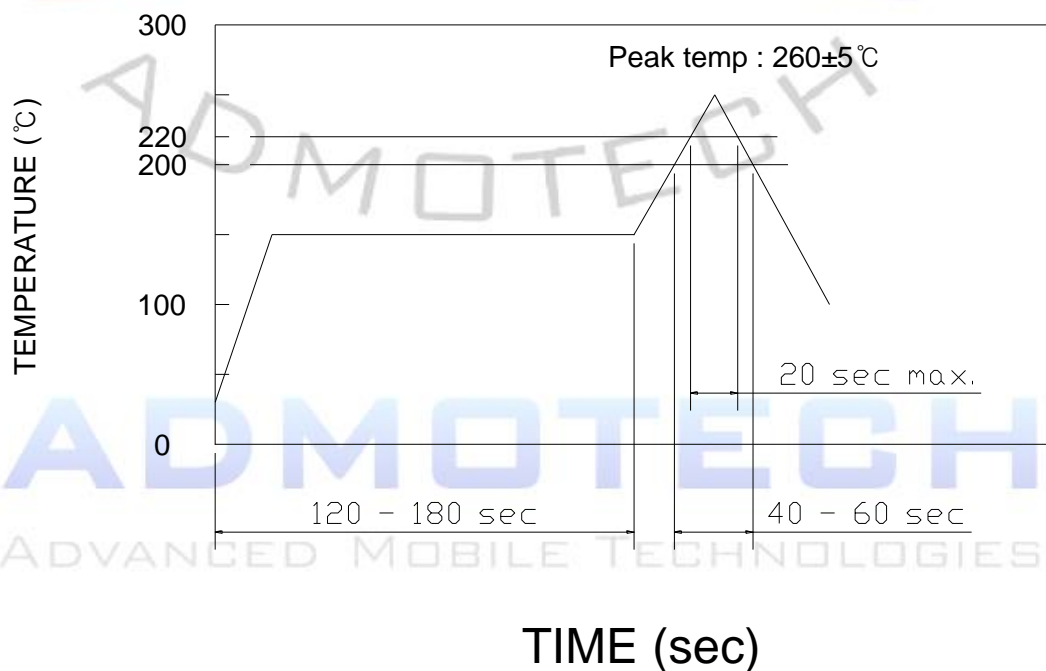


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4. Recommended Foot Print



5. Recommended Soldering Pattern



Note :

1. Measuring Points of temperature : In/Out Terminals of the Device.
2. Reflow Soldering : Both Convection and infrared Rays.