

project Ceramic band pass filter	Unit	Module ADBF 3250/80-SCM2	Revision 2.0	Page 1 of 4
-------------------------------------	------	-----------------------------	-----------------	----------------

Electrical Specification of ceramic band pass filter *ADBF 3250/80-SCM2* (Version 2.0)



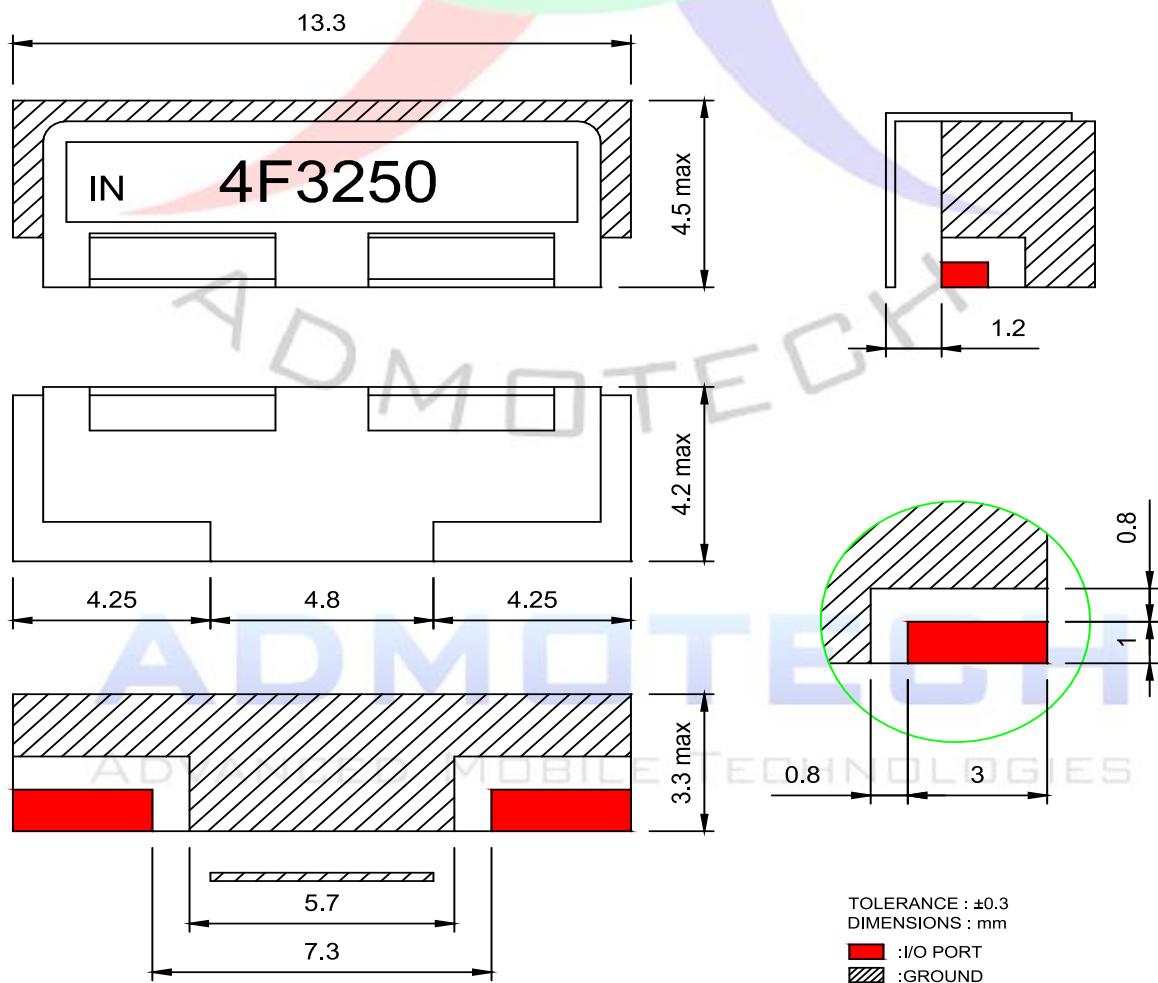
2019. 3. 29.

project Ceramic band pass filter	Unit	Module ADBF 3250/80-SCM2	Revision 2.0	Page 2 of 4
-------------------------------------	------	-----------------------------	-----------------	----------------

1. Electrical Specifications

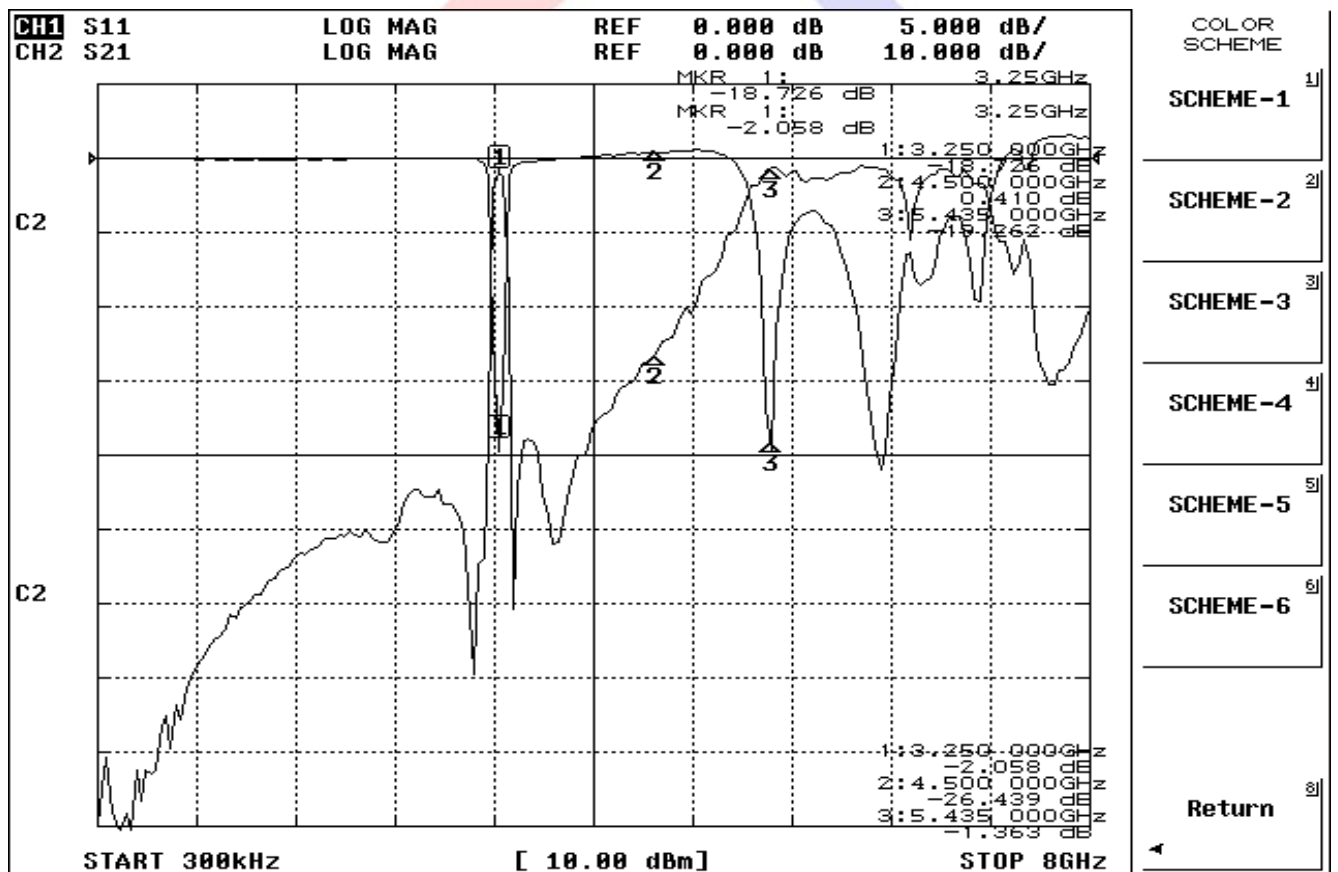
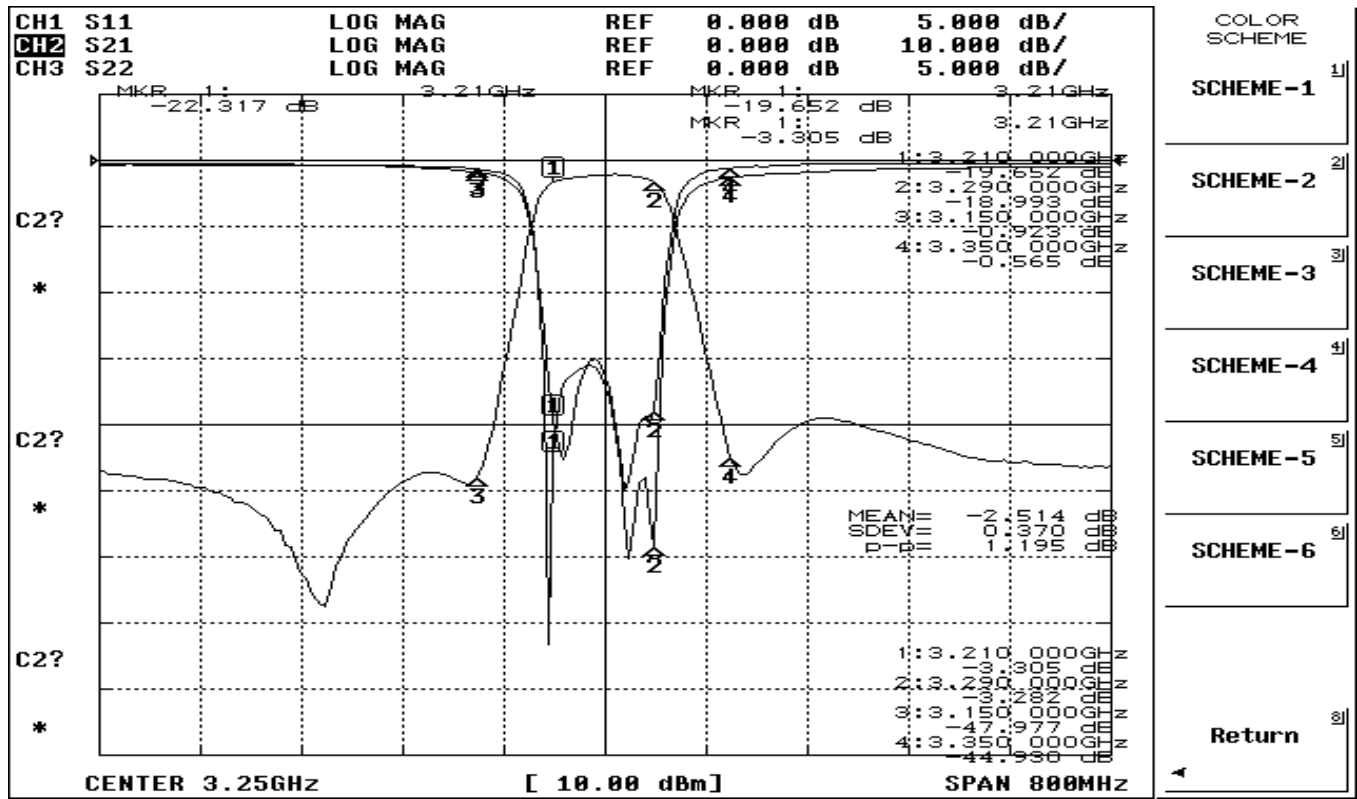
Parameter	Specification	Remark
Center Frequency(f_0)	3250 MHz	
Bandwidth	$f_0 \pm 40$ (3210 - 3290 MHz)	
Insertion Loss	4.0 dB Max.	
Return Loss in BW	14 dB Min.	
Attenuation	40 dB Min. @ $f_0 \pm 100$ MHz 25.0 dB Min. @ 4,500 MHz	
In/Out Impedance	50 Ω Nominal	
Max Input power	2 Watts	
Operating Temp.	-54 $^{\circ}$ C ~ + 105 $^{\circ}$ C	

2. Mechanical Specifications



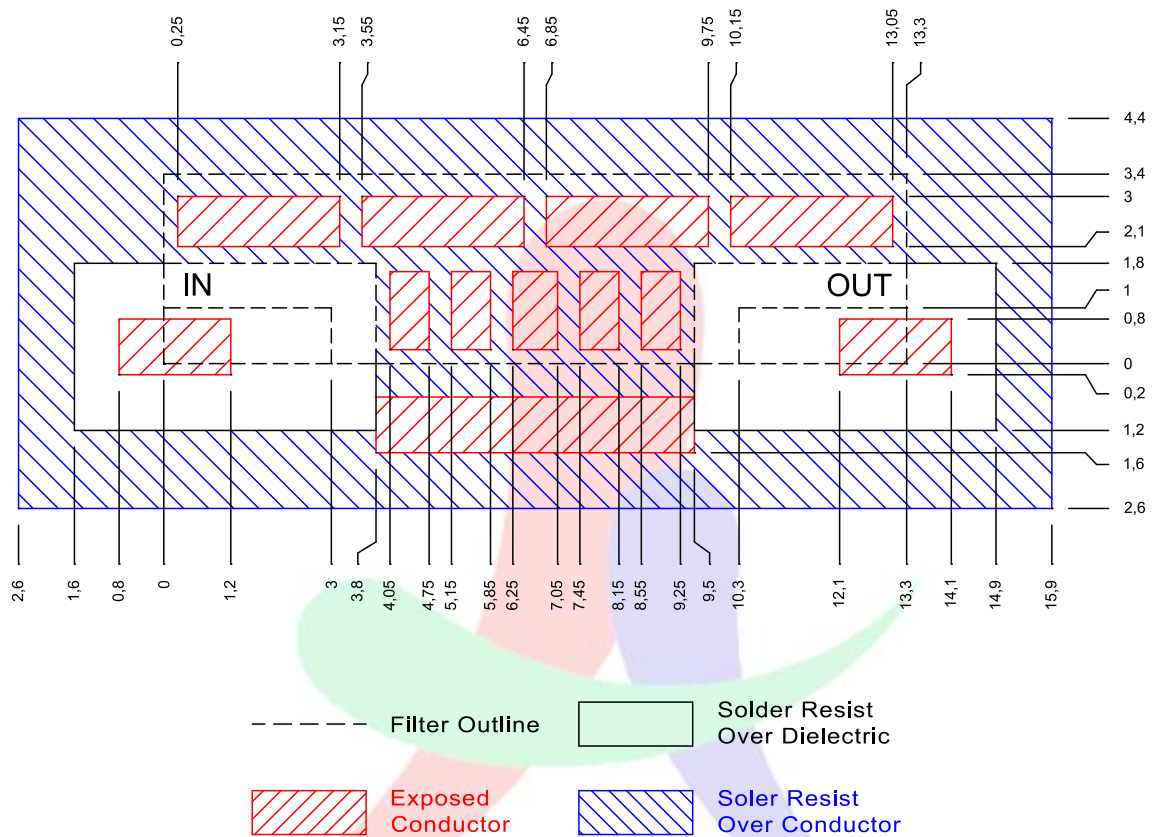
project Ceramic band pass filter	Unit	Module ADBF 3250/80-SCM2	Revision 2.0	Page 3 of 4
-------------------------------------	------	-----------------------------	-----------------	----------------

3. Test Plot

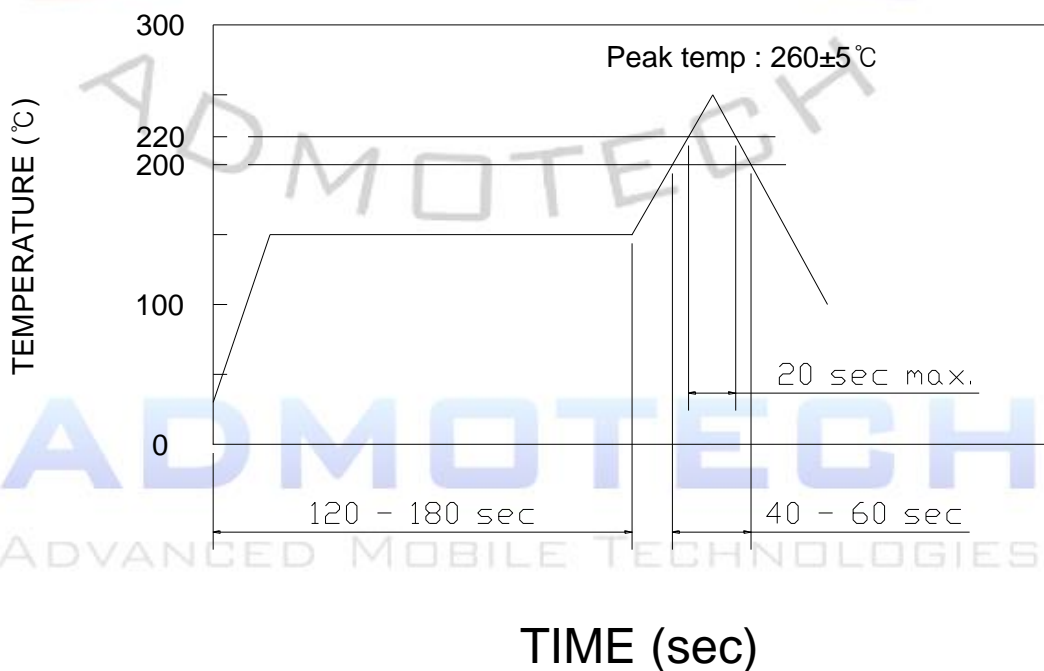


project Ceramic band pass filter	Unit	Module ADBF 3250/80-SCM2	Revision 2.0	Page 4 of 4
-------------------------------------	------	-----------------------------	-----------------	----------------

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.