

project	Unit	Module	Revision	Page
Ceramic band pass filter		ADBF 3150/80-SCM2	2.0	1 of 4

# Electrical Specification of ceramic band pass filter *ADBF 3150/80-SCM2* (Version 2.0)



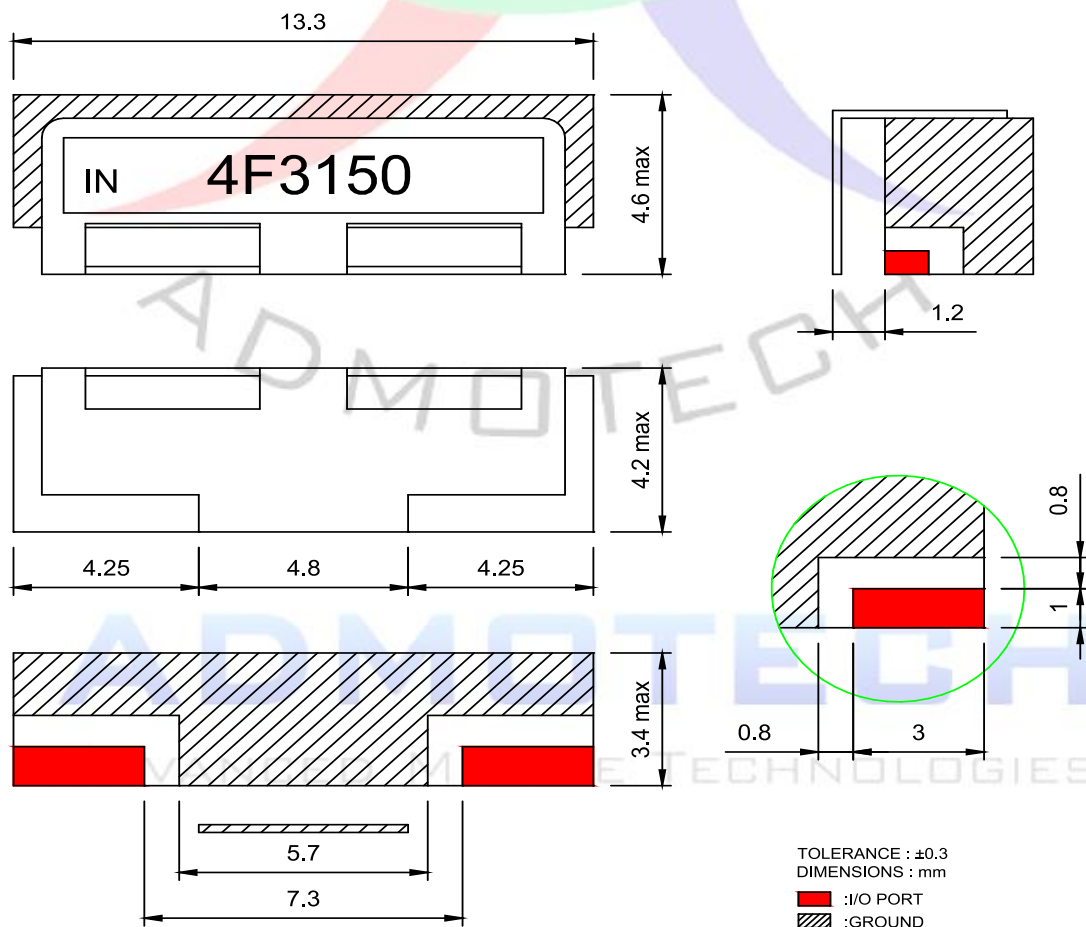
2019. 3. 29.

project Ceramic band pass filter	Unit	Module ADBF 3150/80-SCM2	Revision 2.0	Page 2 of 4
-------------------------------------	------	-----------------------------	-----------------	----------------

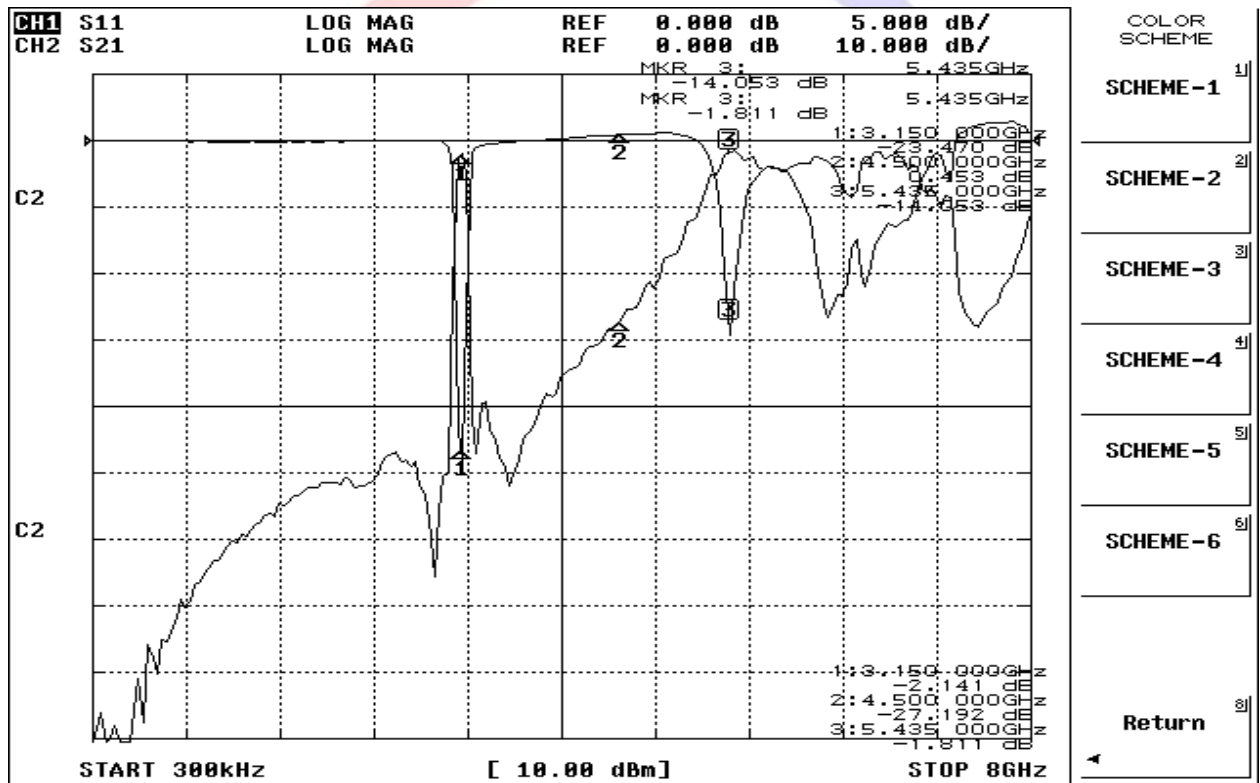
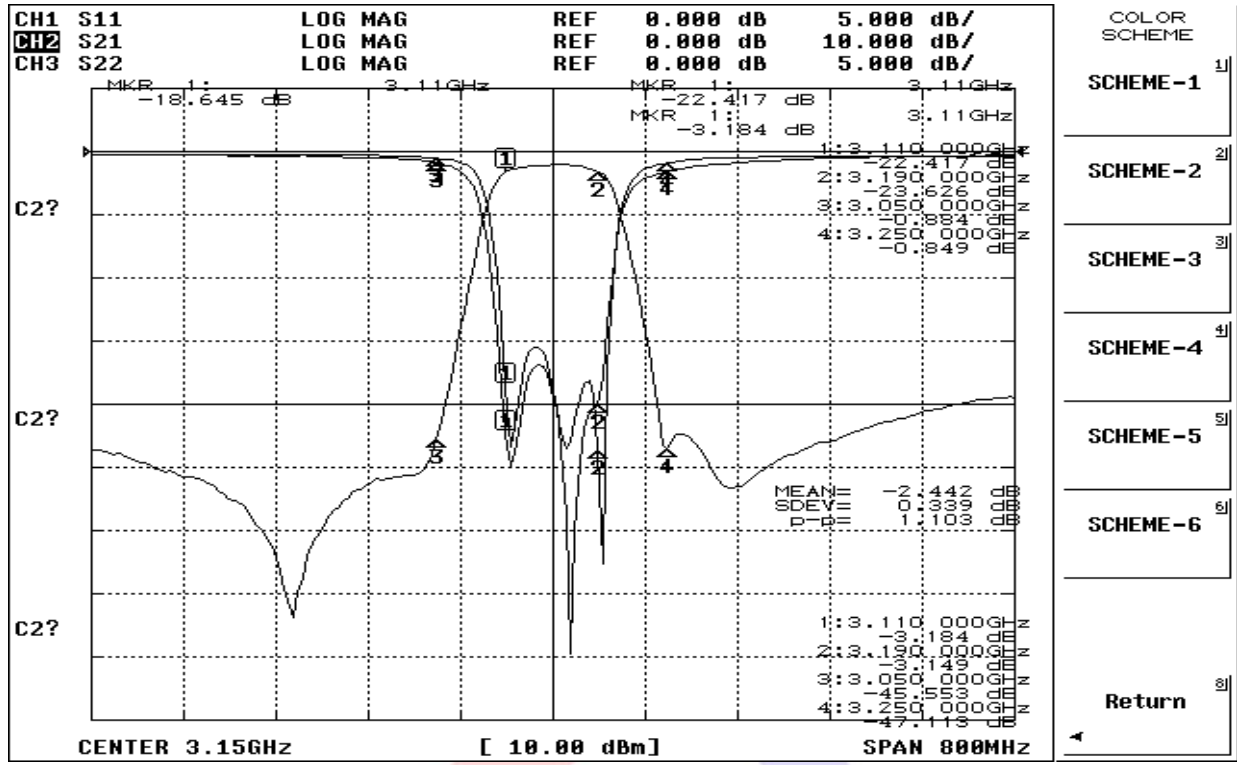
## 1. Electrical Specifications

Parameter	Specification	Remark
Center Frequency( $f_0$ )	3150 MHz	
Bandwidth	$f_0 \pm 40$ (3110 - 3190 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 $\Omega$ Nominal	
Max Input power	2 Watts	
Operating Temp.	-54 $^{\circ}$ C ~ + 105 $^{\circ}$ C	

## 2. Mechanical Specifications

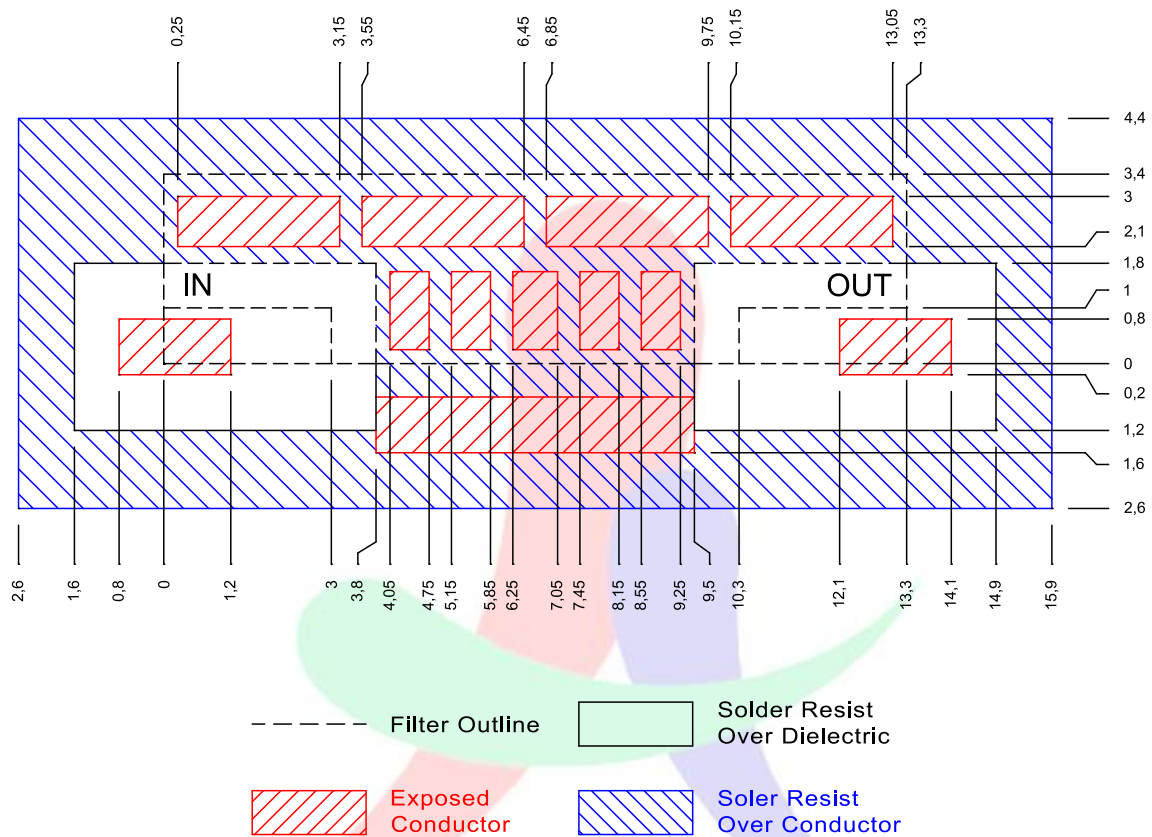


### 3. Test Plot

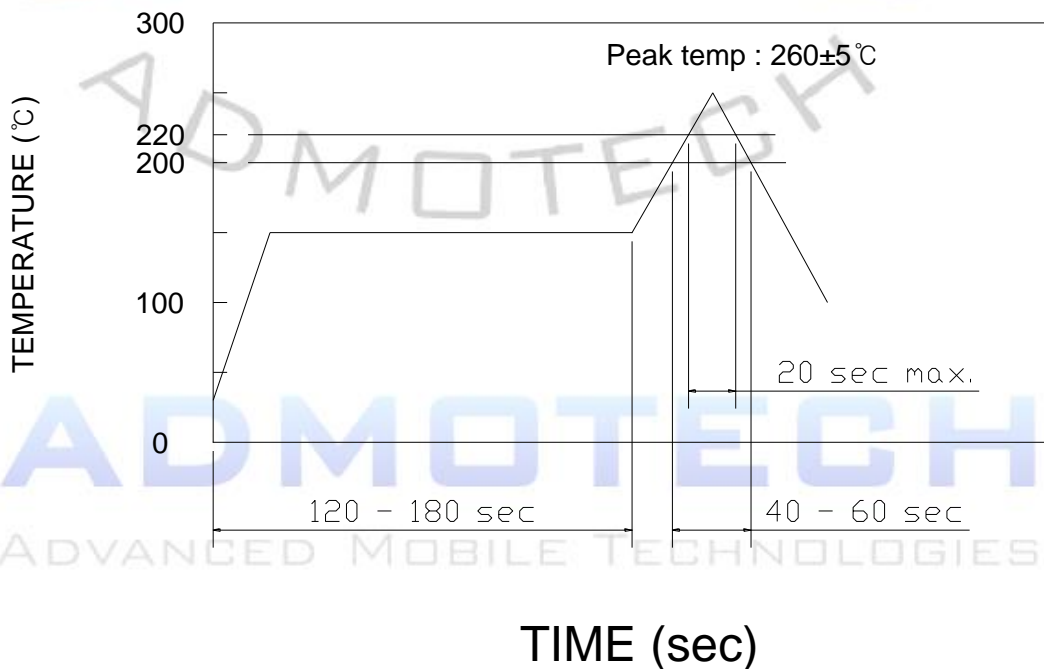


project Ceramic band pass filter	Unit	Module ADBF 3150/80-SCM2	Revision 2.0	Page 4 of 4
-------------------------------------	------	-----------------------------	-----------------	----------------

#### 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.