

project Ceramic Band pass filter	Unit	Module ADBF 5150/350-SCM	Revision 1.0	Page 1 of 3
-------------------------------------	------	-----------------------------	-----------------	----------------

# Electrical Specification of Band pass filter

## ADBF 5150/350-SCM

### (Version 1.1)



ADMOTECH

2018. 12. 6.

# ADMOTECH

ADVANCE  **ADMOTECH** INOLOGIES  
ADVANCED MOBILE TECHNOLOGIES

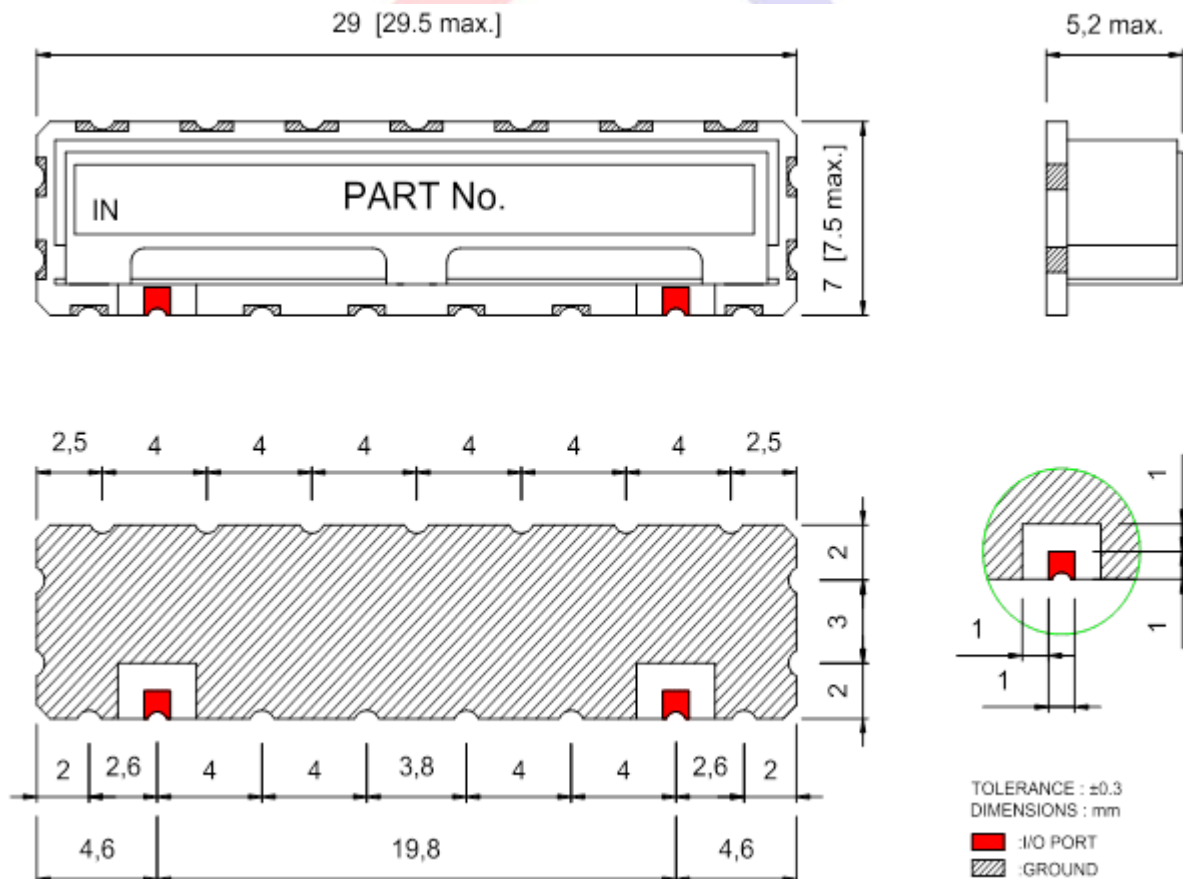
37-10, Techno 1-ro, Yuseong-gu, Daejeon 34015, South Korea  
TEL (042) 936-1353~5 FAX (042)936-1350

project Ceramic Band pass filter	Unit	Module ADBF 5150/350-SCM	Revision 1.0	Page 2 of 3
-------------------------------------	------	-----------------------------	-----------------	----------------

## 1. Electrical Specifications

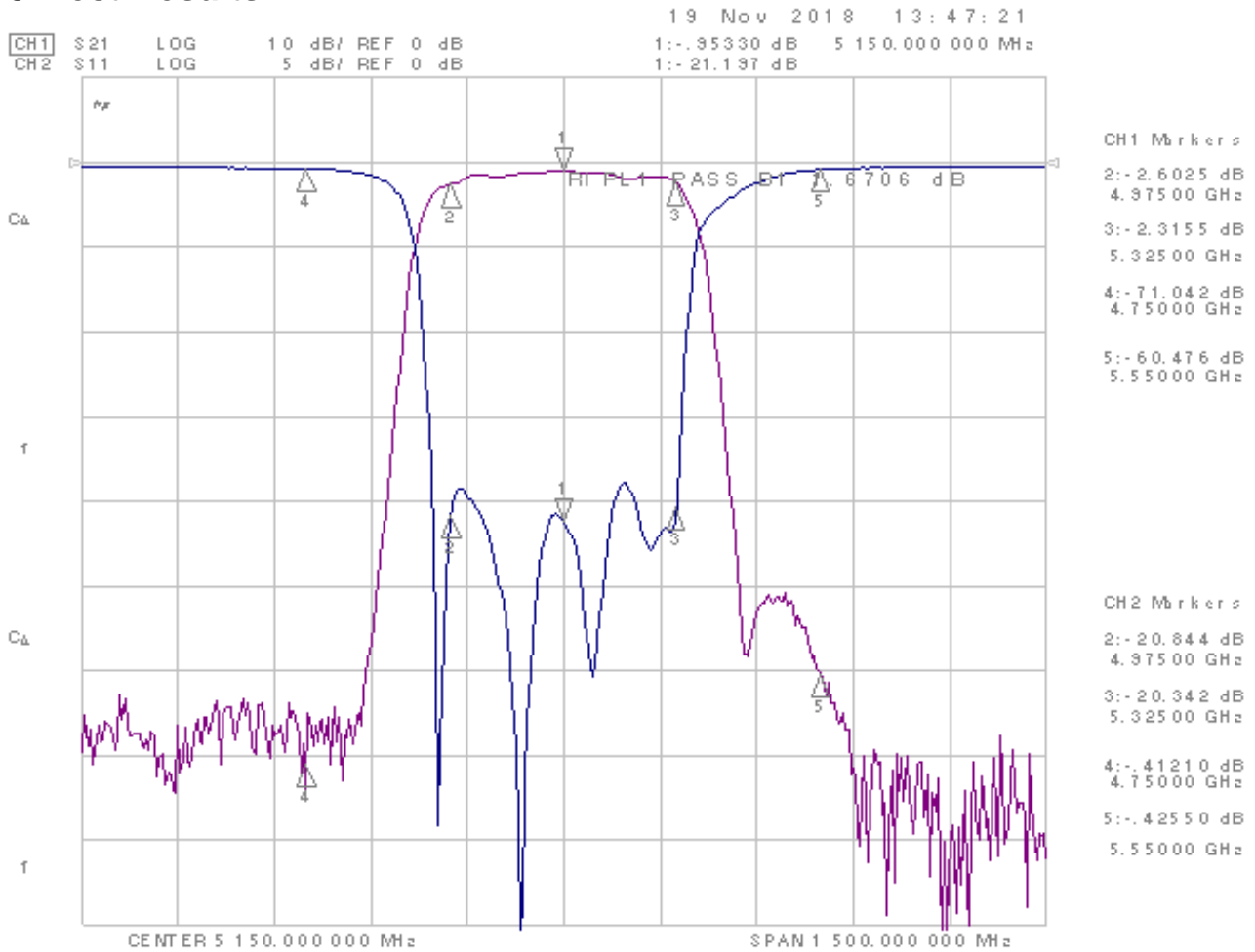
Parameter	Specification	Remark
Center Frequency $f_c$	5,150 MHz	
Pass Band frequency	4,975 ~ 5,325 MHz	BW = 350 MHz
Insertion Loss	3.0 dB Max.	
Return Loss	15 dB Min.	
Attenuation	60 dB Min. @ $f_c \pm 400$ MHz	
In/Out Impedance	50 $\Omega$ Nominal	
Max Input power	2 Watt average	
Operating Temperature Range	-54°C ~ +105°C	
Dimension	See Mechanical specifications	

## 2. Mechanical Specifications



project <b>Ceramic Band pass filter</b>	Unit	Module <b>ADBF 5150/350-SCM</b>	Revision <b>1.0</b>	Page <b>3 of 3</b>
--	------	------------------------------------	------------------------	-----------------------

### 3. Test Results



ADMOTECH

**ADMOTECH**  
ADVANCED MOBILE TECHNOLOGIES