



# Dielectric Filter Preliminary Specification



Part No.	MBP46R5250S160A
Date	2021-01-21

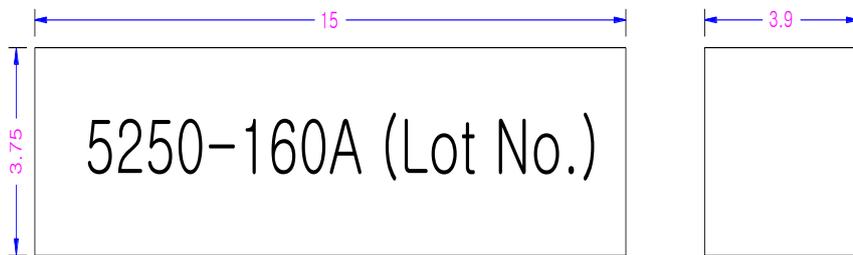
Written	Checked	Approved
T.W.Kim		

## 1. Electrical Specifications.

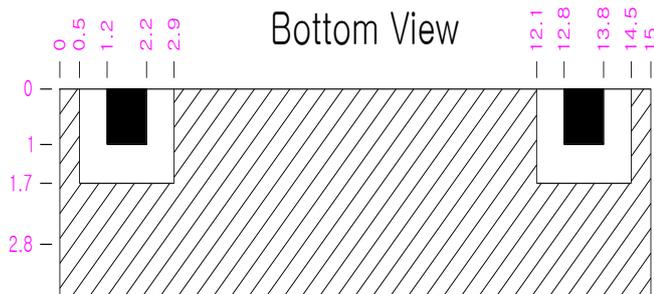
ITEM	Specifications
Center Frequency ( = Fc )	5250 MHz
Pass Band-width ( = BW )	Fc +/- 80 MHz ( 5170 ~ 5330 MHz)
Insertion Loss in BW ( +25°C )	2.5 dB max.
Ripple in BW	1.2 dB max.
Return Loss in BW	14 dB min.
In/Out Impedance	50 Ω
Peak Power	5 W max.
Attenuation	50 dB min. @ 5490 ~ 7125 MHz
Operation Temperature	-40°C ~ 85°C

## 2. Dimensions.

Top View



Bottom View



Tolerance Unless Otherwise Specified : +/- 0.2mm

▨ : GND

■ : PORT

Dimension Unit : mm

### 3. Simulation Data.

