



# Dielectric Filter Preliminary Specification



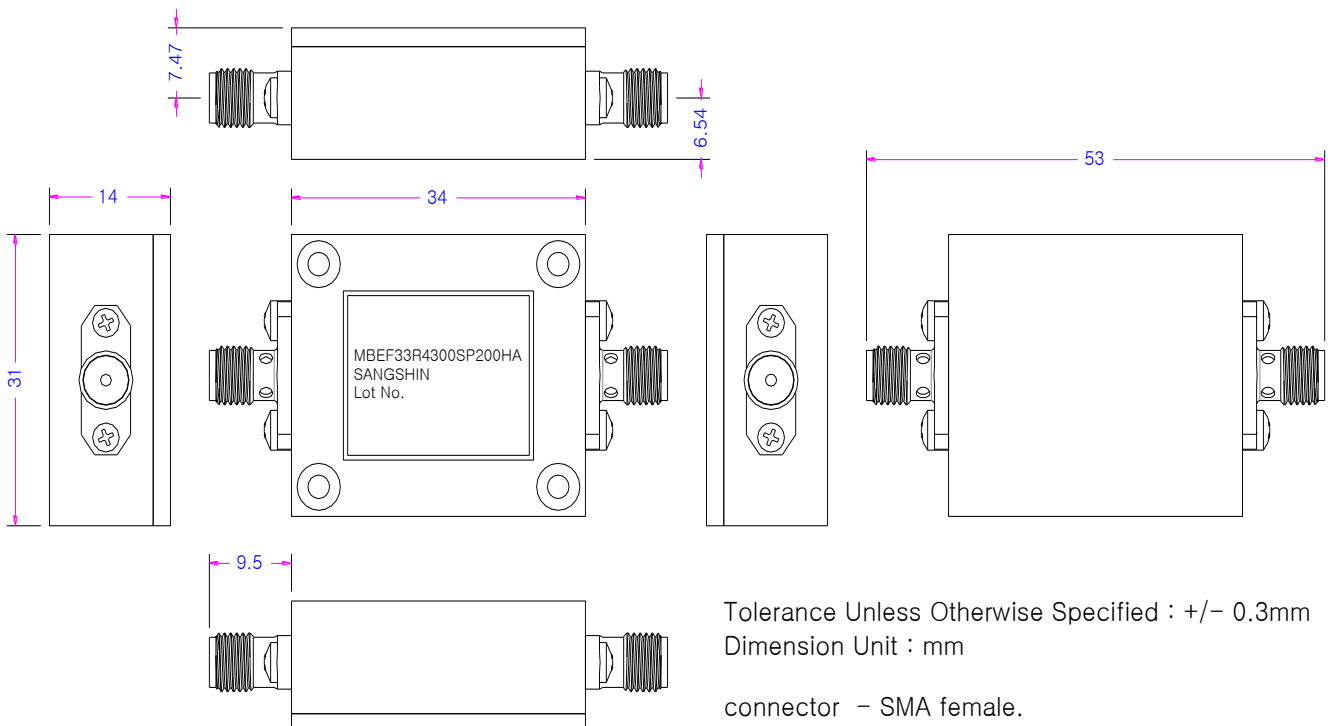
Part No.	MBEF33R4300SP200HA
Date	2024.01.09

Written	Checked	Approved
N.R		

## 1. Electrical Specifications.

ITEM	Specifications
Center Frequency (= Fc)	4300 MHz
Pass Band-width (= BW 1)	DC ~ 4180 MHz
Pass Band-width (= BW 2)	4420 ~ 6500 MHz
Insertion Loss in BW 1 (+25°C)	2.5 dB max.
Insertion Loss in BW 1 (-40°C ~ +70°C)	2.8 dB max.
Insertion Loss in BW 2 (+25°C)	2.5 dB max.
Insertion Loss in BW 2 (-40°C ~ +70°C)	2.8 dB max.
Return Loss in BW 1, 2	5 dB min.
In/Out Impedance	50 Ω
Peak Power	5 W max.
Attenuation	4 dB min. @ 4200 ~ 4400 MHz
Storage Temperature	-55°C ~ +85°C
Operation Temperature	-40°C ~ +70°C

## 2. Dimensions.



### 3. Simulation Data.

