SANGSHIN Dielectric Filter Preliminary Specification

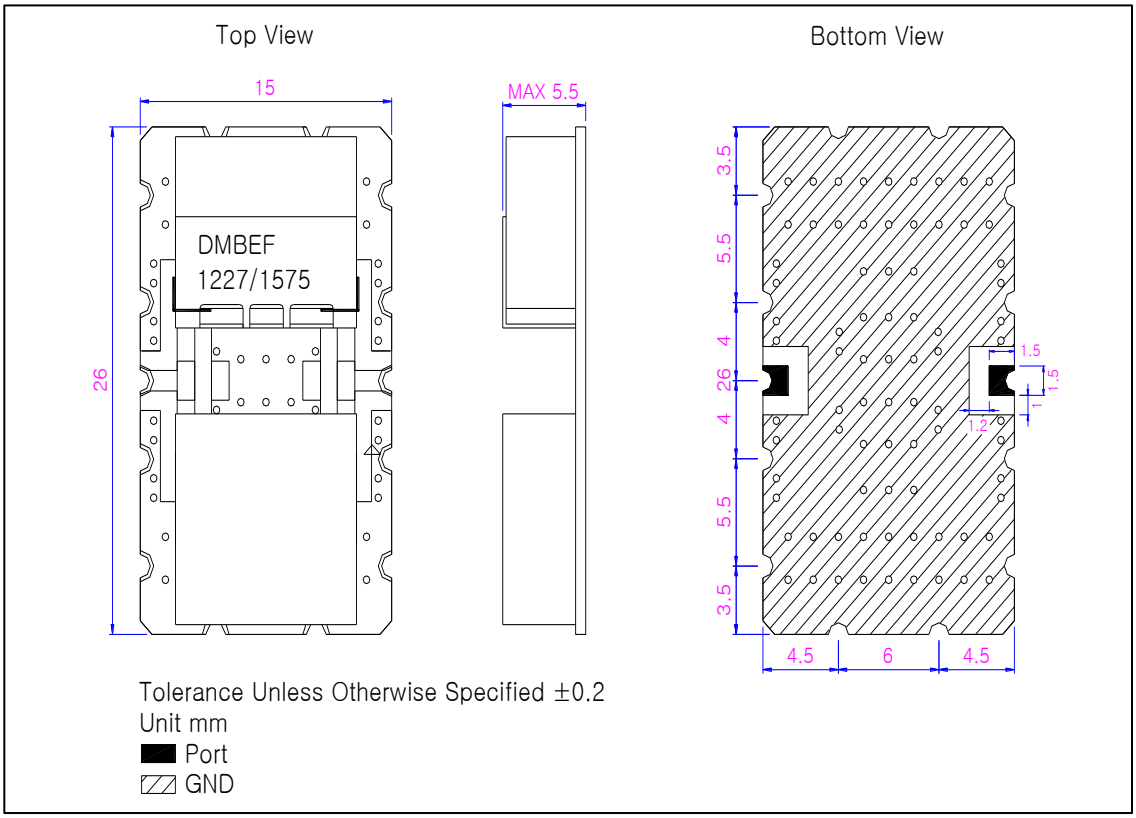
Customer	RFMW
Part No.	DMBEF1227/1575SA
Date	2012-02-13

Written	Checked	Approved

1. Electrical Specifications.

ITEM	Specifications
Rejection Frequency(= Fr)	1224.5 ~ 1229.5 MHz / 1574.5 ~ 1577.5 MHz
Pass Band-width (BW)	500 MHz ~ 1180 MHz/ 1300 MHz ~ 1450 MHz /1680 MHz ~ 2000 MHz
I.L in BW	1.5 dB max. @ 500 MHz ~ 1180 MHz (BW1) 1.5 dB max. @ 1300 MHz ~ 1450 MHz (BW2) 1.5 dB max. @ 1680 MHz ~ 2000 MHz (BW3)
Ripple in BW	1.0 dB max. @ 500 MHz ~ 1180 MHz (BW1) 1.0 dB max. @ 1300 MHz ~ 1450 MHz (BW2) 1.0 dB max. @ 1680 MHz ~ 2000 MHz (BW3)
Return Loss in BW	12 dB max. @ 500 MHz ~ 1180 MHz (BW1) 12 dB max. @ 1300 MHz ~ 1450 MHz (BW2) 12 dB max. @ 1680 MHz ~ 2000 MHz (BW3)
In/Out Impedance	50 Ω
Maximum Power	2 W max.
Attenuation	30 dB min. @ 1224.5 ~ 1229.5 MHz
	30 dB min. @ 1574.5 ~ 1577.5 MHz
Operation Temperature	-40°C ~ +85°C

2. Dimensions.



3. Simulation Data

