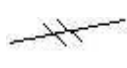


Part No. MBP86RC3550S500B

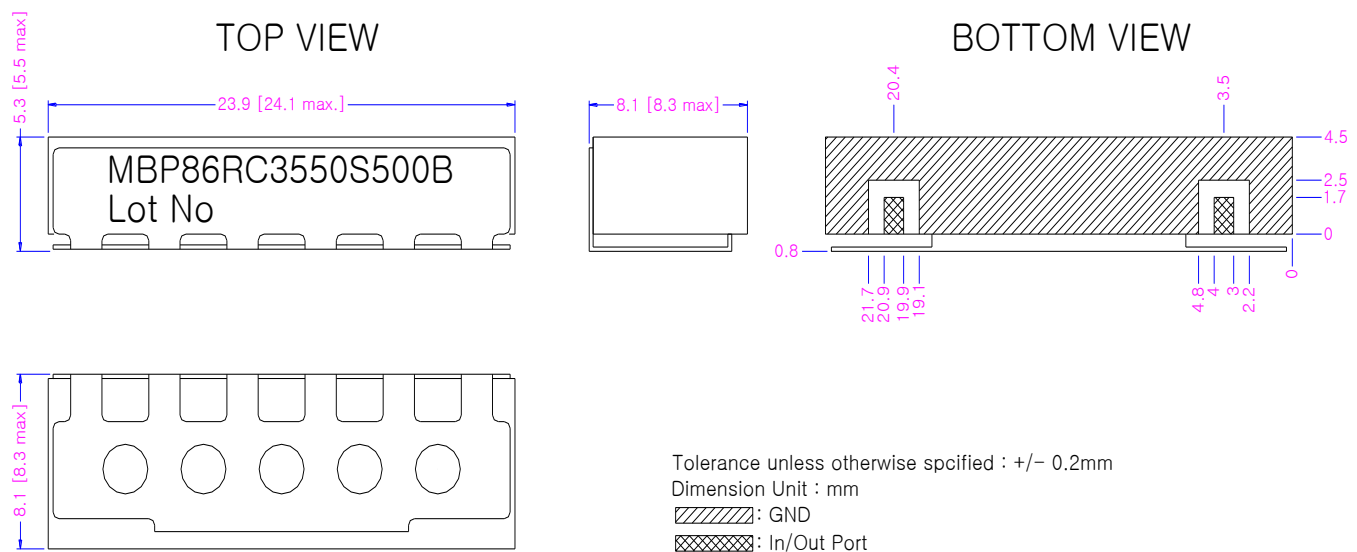
Date 2021-02-05

Written	Checked	Approved
N.R		

1. Electrical Specifications.

ITEM	Specifications
Center Frequency (= Fc)	3550 MHz
Pass Band-width (= BW)	Fc +/- 250 MHz (3300 ~ 3800 MHz)
Insertion Loss in BW (+25°C) @ Any 5 MHz within Fc+/-250 MHz	1.0 dB max.
Insertion Loss in BW (-40°C ~ +85°C) @ Any 5 MHz within Fc+/-250 MHz	1.2 dB max.
Ripple in BW	0.5 dB max.
Return Loss in BW	14 dB min.
In/Out Impedance	50 Ω
Average Power	15 W max.
Attenuation	55 dB min. @ 1 ~ 2700 MHz
	43 dB min. @ 2701 ~ 3000 MHz
	43 dB min. @ 4200 ~ 6000 MHz
Operation Temperature	-40°C ~ +85°C

2. Dimensions.



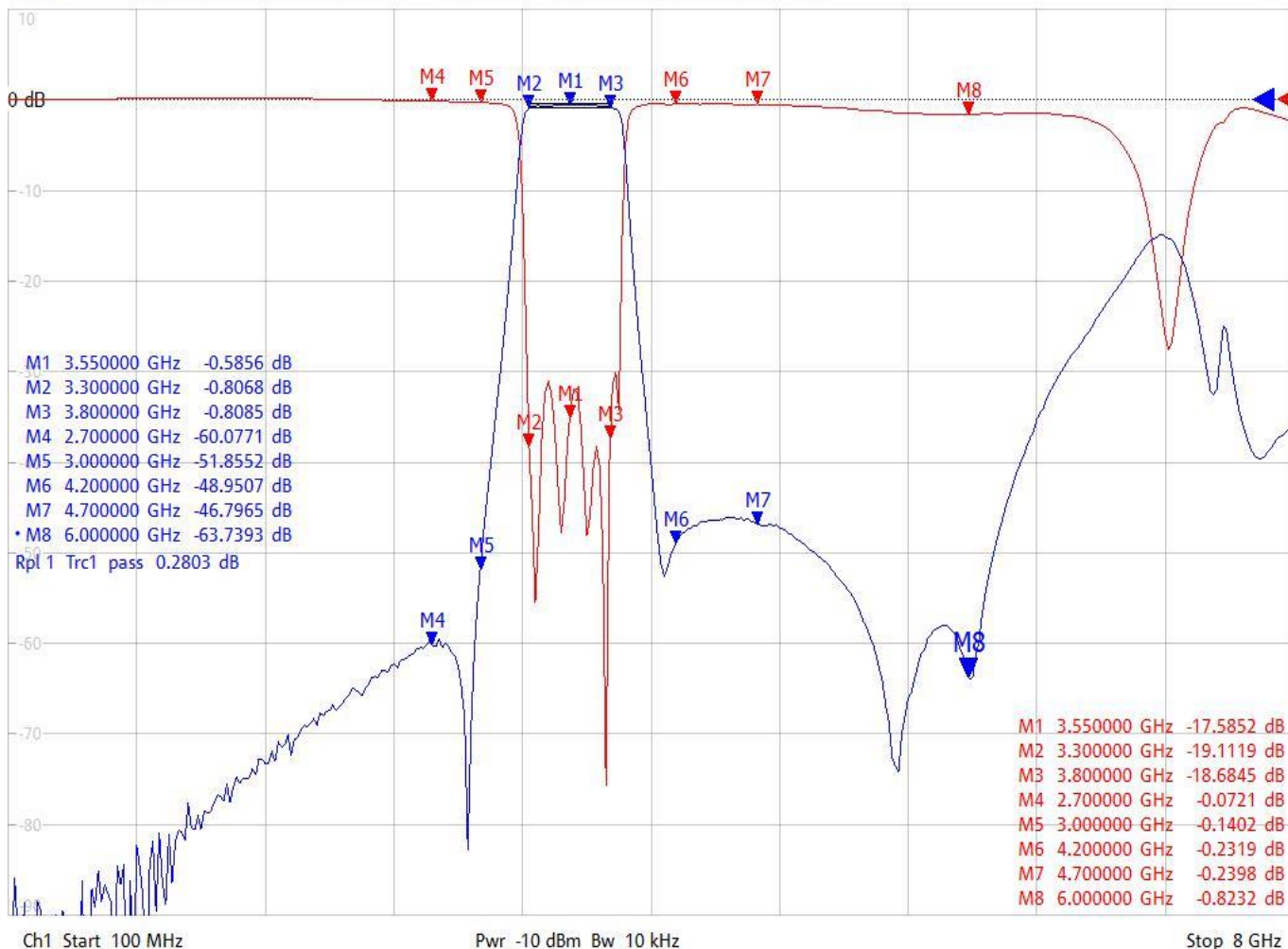
3. data.



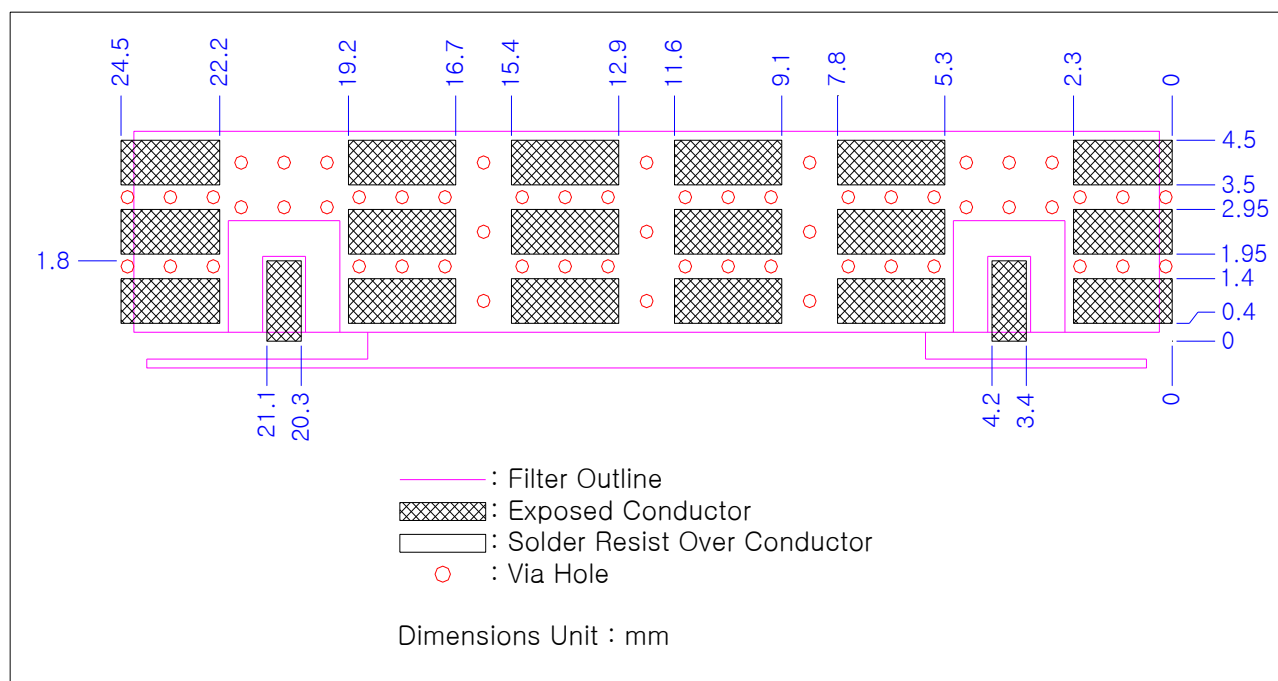
10/13/2020 6:24:31 AM
1328.5170K92-100281-AM

Trc1 — S21 dB Mag 10 dB/ Ref 0 dB Cal Trc2 — S11 dB Mag 5 dB/ Ref 0 dB Cal

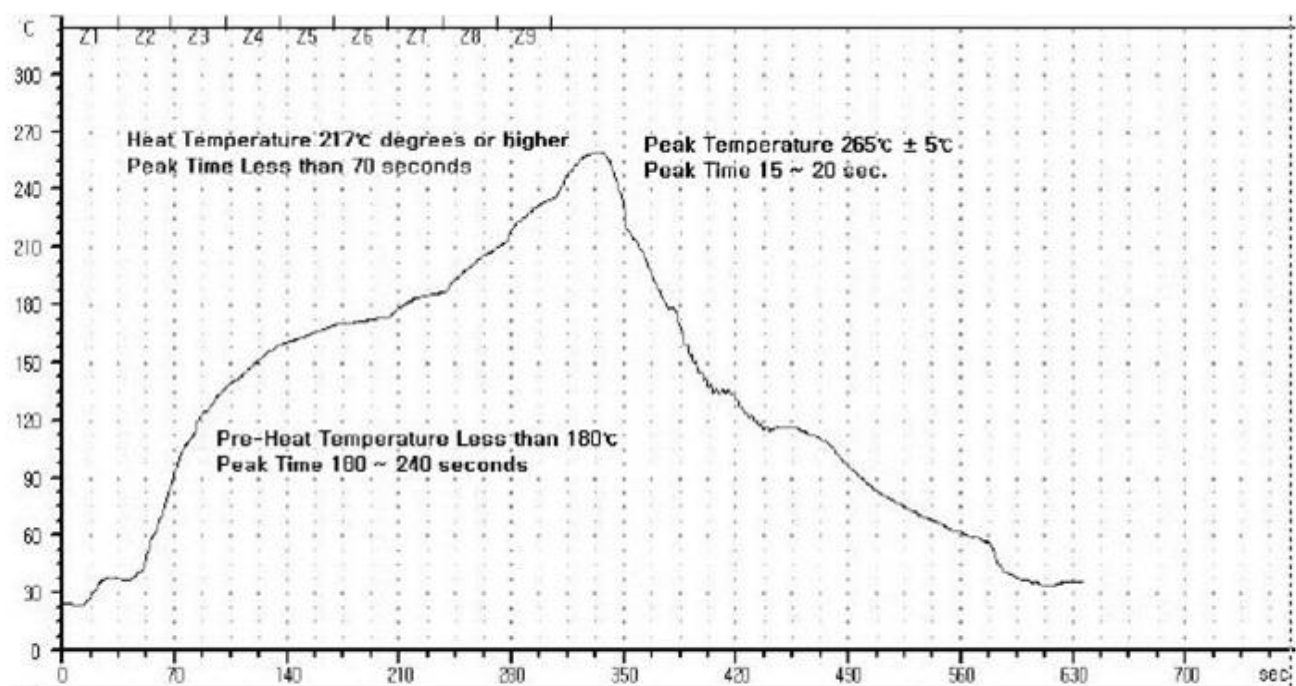
1



4. Footprint



5. Reflow Soldering Condition



In put

9 ~ 11 minute

Out put

A : Pre-heat Temperature	Less than 180°C
Heat Time	180 ~ 240 sec
B : Heat Temperature	217°C degrees or higher
Heat Time	Less than 70 seconds
C : Module's surface Temperature	MAX 265°C
Time at peak Temperature	MAX 20 sec