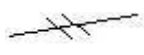


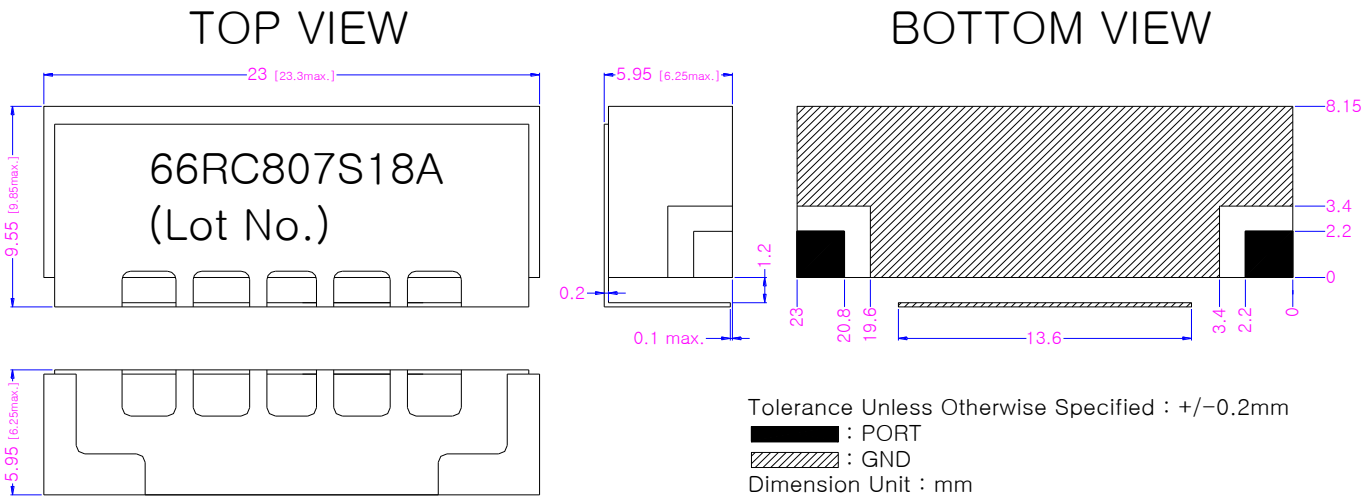
Part No.	MBP66RC807S18A
Date	2025.12.03

Written	Checked	Approved
N.R		

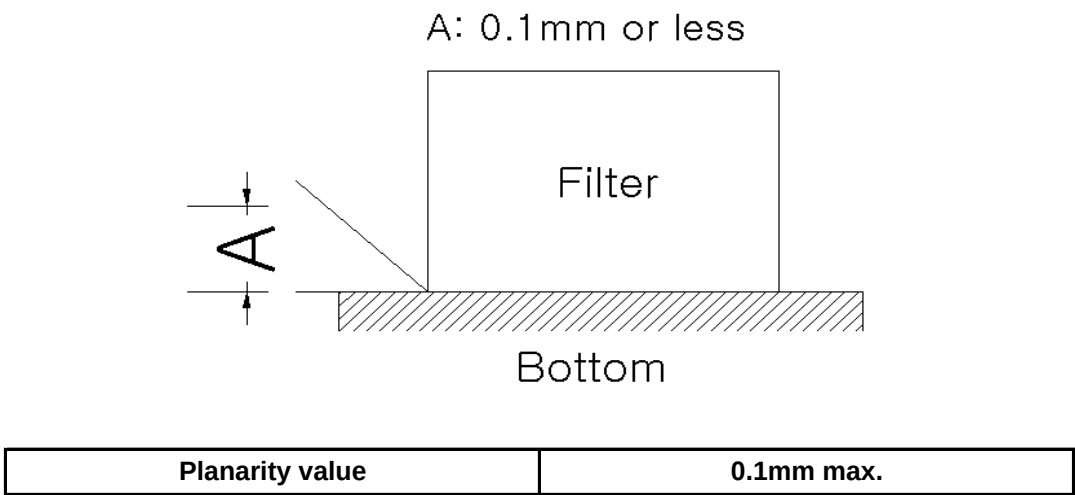
1. Electrical Specifications.

ITEM	Specifications
Center Frequency (= Fc)	807 MHz
Pass Band-width (= BW)	Fc ± 9 MHz (798 ~ 816 MHz)
Insertion Loss in BW	2.0 dB max.
Ripple in BW	0.5 dB max.
Return Loss in BW	15 dB minx.
In/Out Impedance	50 Ω
Peak Power	5 W max.
Attenuation (Maker Reference 807 MHz)	45 dBc min. @ 738 MHz
	35 dBc min. @ 768 MHz
	35 dBc min. @ 846 MHz
	45 dBc min. @ 876 MHz
Operation Temperature	20°C ~ +75°C

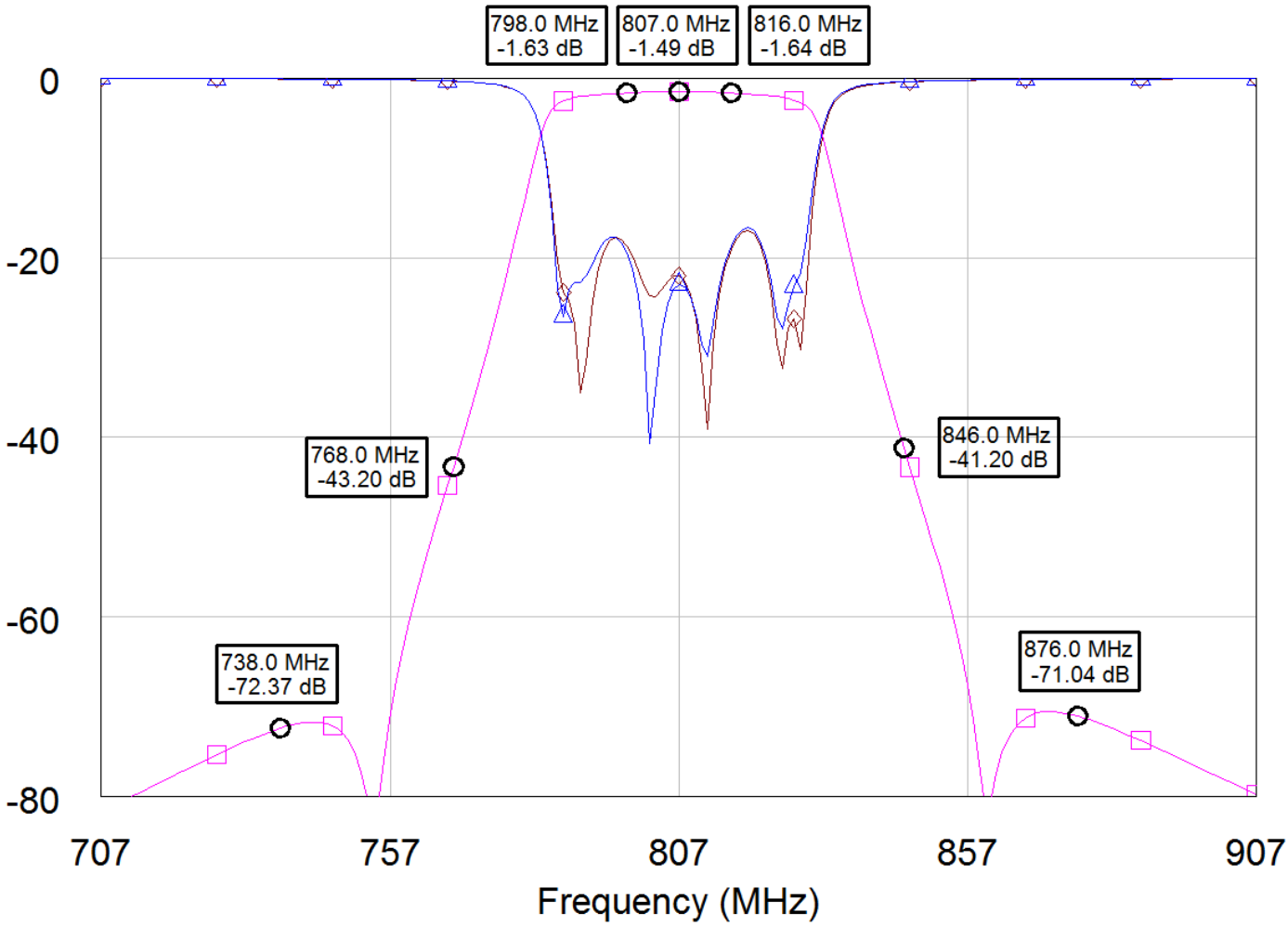
2. Dimensions.



3. Coplanarity specification



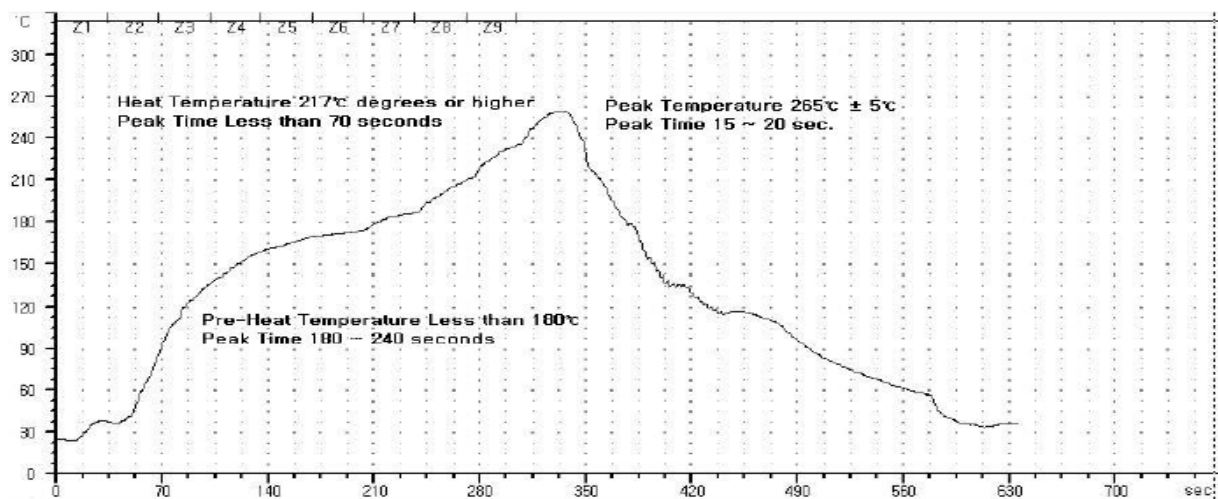
4. Simulation Data.



5. Reflow Soldering Condition

ZONE	1	2	3	4	5	6	7	8	9
TOP	165	170	180	180	180	200	230	260	295
BOTTOM	165	170	180	180	180	200	230	260	295

Conveyor Speed (cm/min) : 55



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