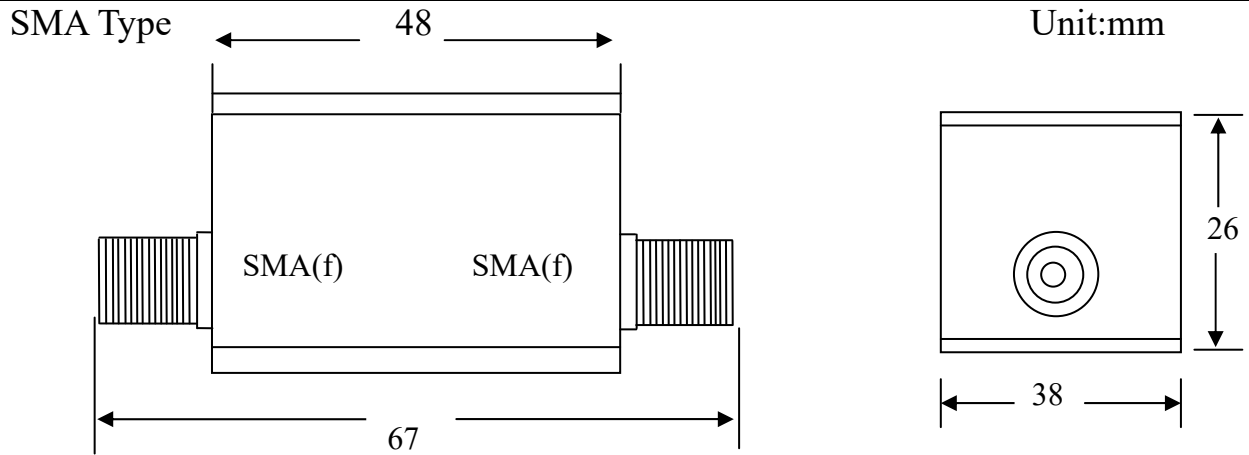


TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TTW3684B-915M-SMA
Approval No. /dated	202012017CD	Customer's Part No.	
Work Instruction No.	202012017CD	Date	Mar.09.2021
Case Name	TM	Temwell's print name	3684B 915M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	915 MHz	915 MHz
Insertion Loss	Typ. 3.5 dB	2.14 dB
-3 dB Bandwidth	Typ. 25 MHz	27.2 MHz
Sensitivity (Attenuation)	Fo -(100) MHz	Typ. 43 dB
	Fo +(100)MHz	Typ. 61 dB
	Fo - ()MHz	Typ. dB
	Fo +()MHz	Typ. dB
Return Loss	Min. 12 dB	17.3 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

4. Temperature Condition:

Operating Temperature	-0 °C ~ +60 °C
Storage Temperature	-20 °C ~ +70 °C

Approval	Supervisor	Designer	PCB
C.C. Chang	C.K. Chang	S.J. Li	5W3B PCB(41x12) 5HW024RB3

TEMWELL CORPORATION

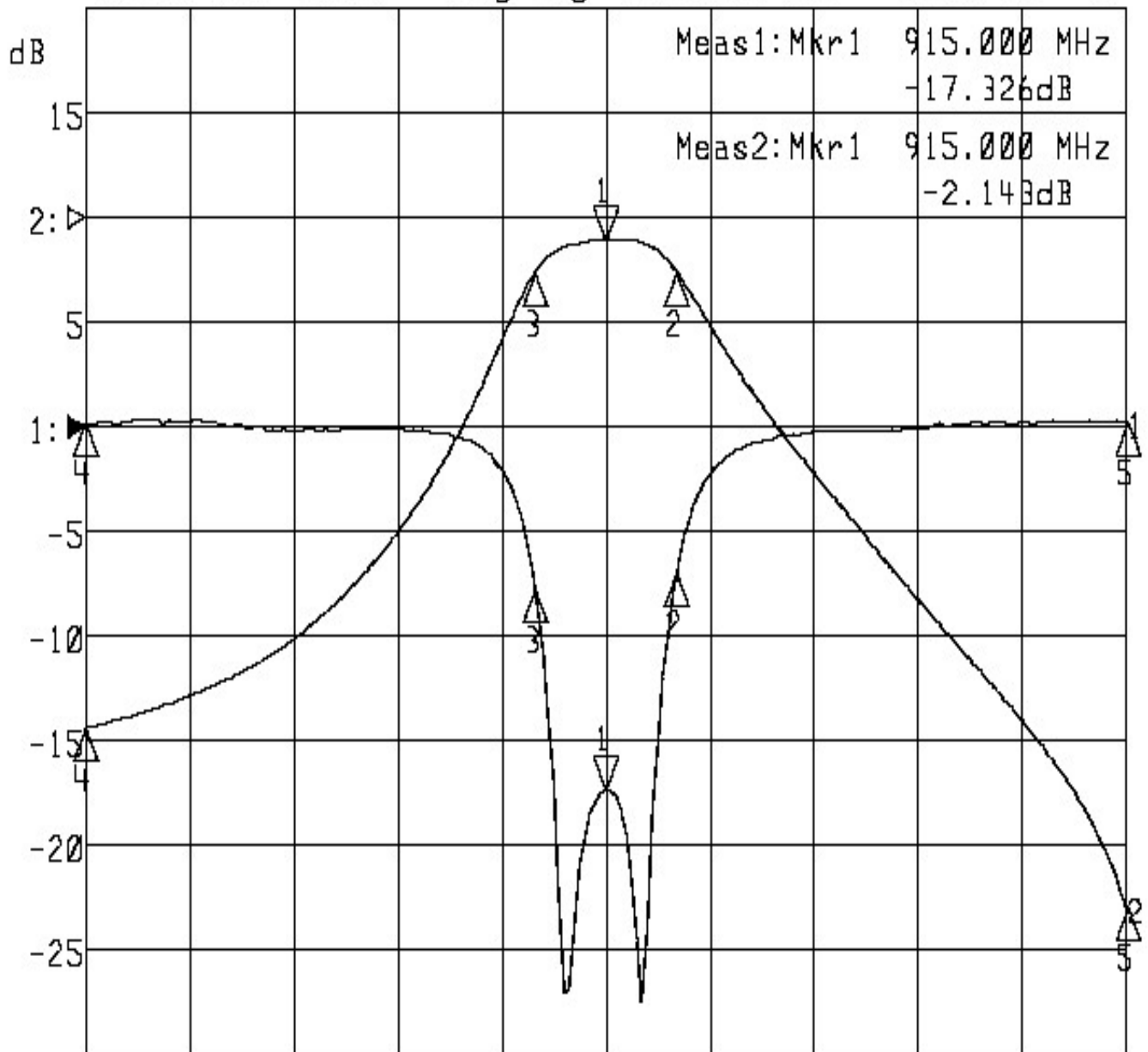
TEMWELL Form11- TM- -Vession C

RP:(S.J.)

Performance-TM-TTW3684B-915M-SMA

202012017CD

▶1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
 ▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 915.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 915.0000	-17.326	1> 915.0000	-2.143
2: 928.6667	-6.940	2: 928.6667	-5.135
3: 901.4667	-7.729	3: 901.4667	-5.125
4: 815.0000	0.194	4: 815.0000	-48.837
5: 1015.0000	0.194	5: 1015.0000	-66.119