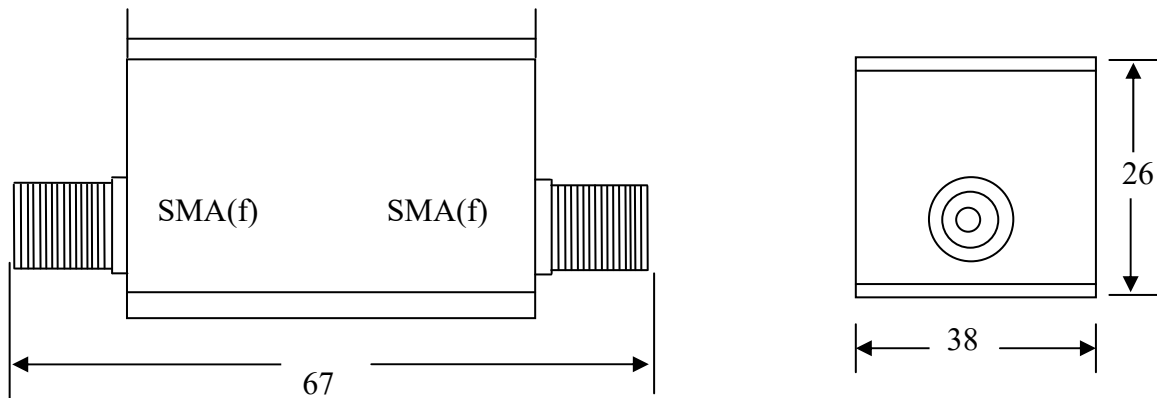


TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TF6434B-223.5M-SMA
Approval No. /dated	202011032CD	Customer's Part No.	
Work Instruction No.	202011032CD	Date	Dec.10.2020
Case Name	TM	Temwell's print name	6434B 223.5M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26

SMA Type 48 Unit:mm



(3) Electric Character

Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		223.5 MHz	223.5 MHz
Insertion Loss		Typ. 3.0 dB	3.02 dB
-3 dB Bandwidth		Typ. 8 MHz	9.3 MHz
Sensitivity (Attenuation)	Fo -(50) MHz	Typ. 65 dB	70 dB
	Fo +(50)MHz	Typ. 62 dB	67 dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	35.8 dB
Ripple		< 1 dB	dB
Group Delay		ns	ns
Impedance		In / Out : 50 Ω	In / Out : 50 Ω

4. Temperature Condition:

Operating Temperature	-30 °C ~ +70 °C
Storage Temperature	-30 °C ~ +80 °C

Approval	Supervisor	Designer	PCB
C.C. Chang	C.K. Chang	Y.L. Lin	7H4B PCB (41x12) 7H024LB4X

TEMWELL CORPORATION

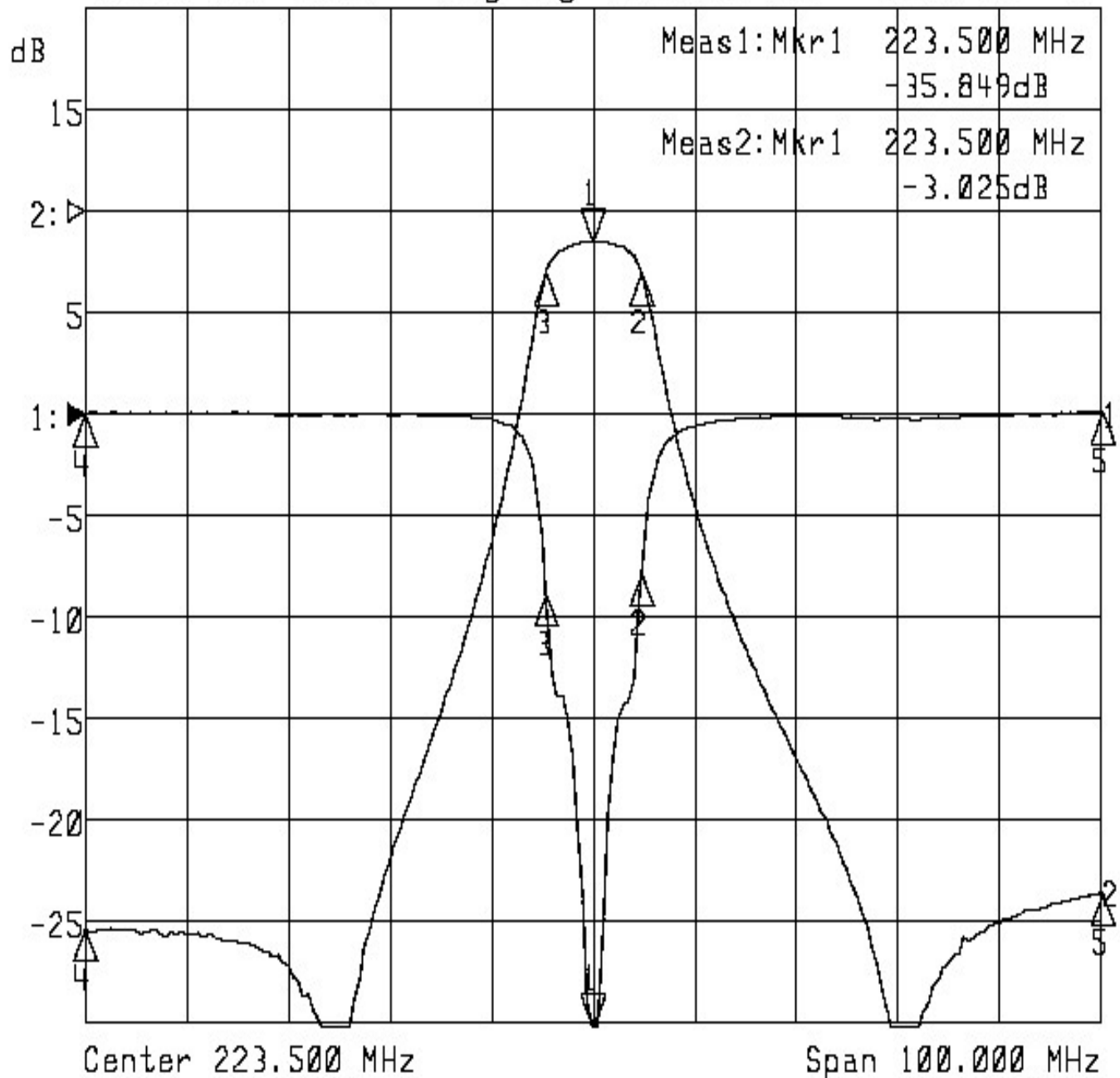
TEMWELL Form11- TM- -Vession C

RP:(Y.L.)

Performance-TM-TF6434B-223.5M-SMA

202011032CD

►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



1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 223.5000	-35.849	1> 223.5000	-3.025
2: 228.2667	-7.928	2: 228.2667	-6.048
3: 218.9000	-8.819	3: 218.9000	-6.028
4: 173.5000	-0.039	4: 173.5000	-70.764
5: 273.5000	0.095	5: 273.5000	-67.144