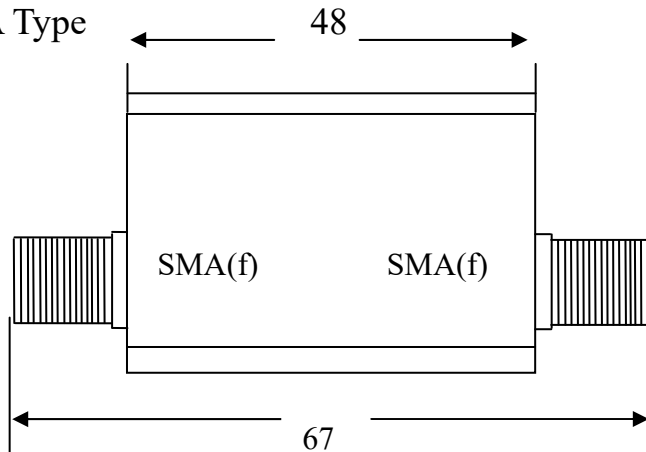


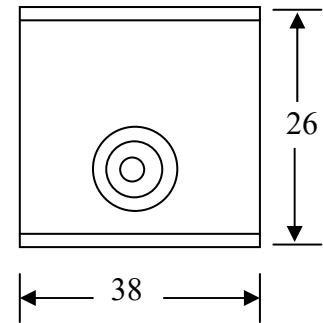
TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TF69295B-435M-SMA
Approval No. /dated	202011033CD	Customer's Part No.	
Work Instruction No.	202011033CD	Date	Dec.10.2020
Case Name	TM	Temwell's print name	69295B 435M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26

SMA Type



Unit:mm



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	435 MHz	435 MHz
Insertion Loss	Typ. 2.5 dB	1.12 dB
-3 dB Bandwidth	Typ. 34 MHz	37.2 MHz
Sensitivity (Attenuation)	Fo -(50) MHz	Typ. 42 dB
	Fo +(50)MHz	Typ. 33 dB
	Fo -()MHz	> dB
	Fo +()MHz	Typ. dB
Return Loss	Min. 12 dB	31.9 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	7H4B PCB(41x12) 7H046LB5

TEMWELL CORPORATION

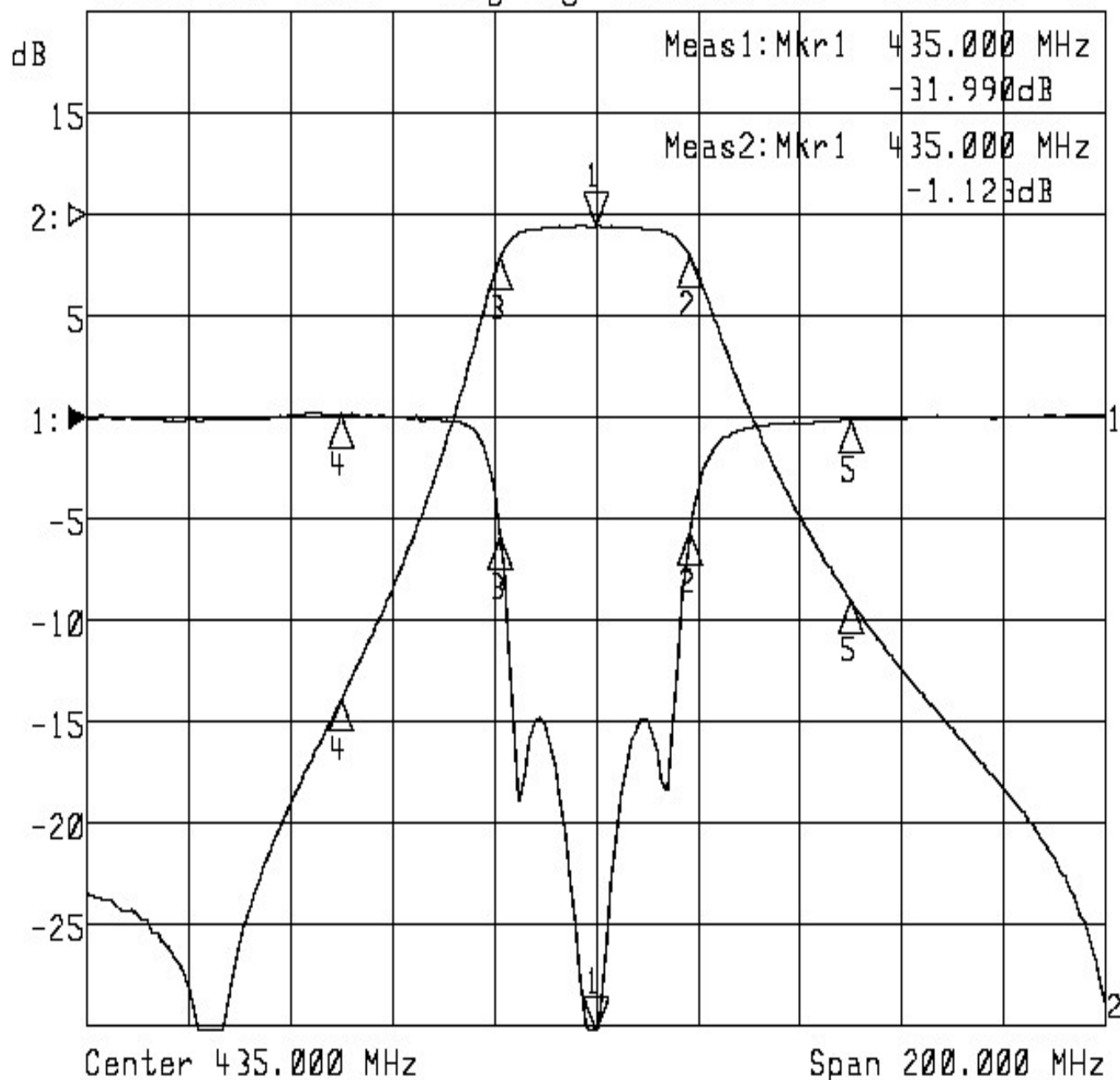
TEMWELL Form11- TM- -Vession C

RP(S.J.)

Performance-TM-TF69295B-435M-SMA

202011033CD

►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> 435.0000	-31.990	1> 435.0000	-1.123
2: 453.5333	-5.604	2: 453.5333	-4.119
3: 416.3333	-5.853	3: 416.3333	-4.162
4: 385.0000	0.160	4: 385.0000	-47.842
5: 485.0000	-0.144	5: 485.0000	-38.060