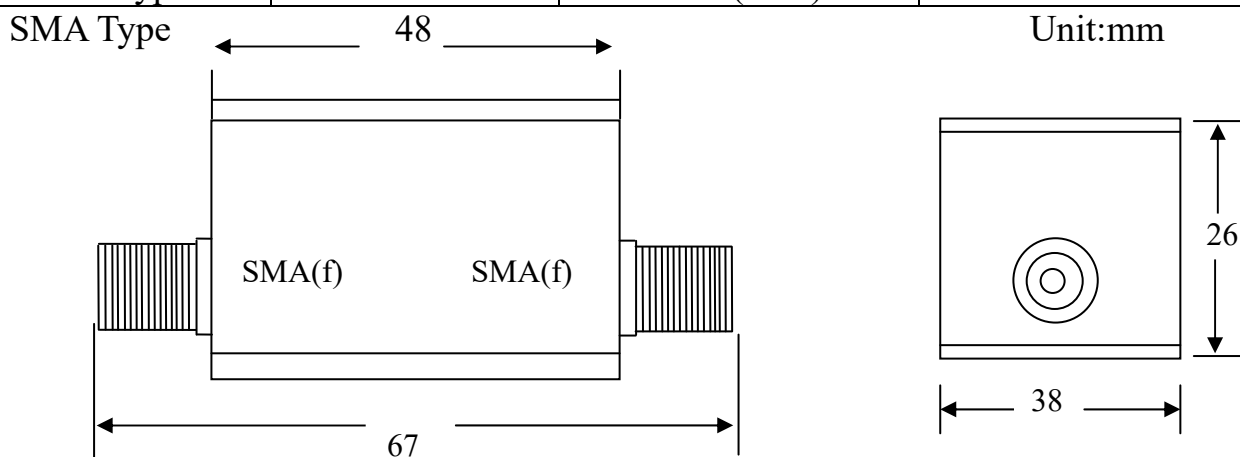


TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TT63345A-653M-SMA
Approval No. /dated	202005028CD	Customer's Part No.	
Work Instruction No.	202005028CD	Date	May.26.2020
Case Name	TM	Temwell's print name	63345A 653M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	653 MHz	653 MHz	
Insertion Loss	Typ. 2.5 dB	1.71 dB	
-3 dB Bandwidth	Typ. 35 MHz	36.1 MHz	
Sensitivity (Attenuation)	Fo -(100) MHz	Typ. 44 dB	49 dB
	Fo +(100)MHz	Typ. 37 dB	42 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss	Min. 12 dB	17.4 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	P.Y. Li	7H3A PCB(41x12) 7H046LB5

TEMWELL CORPORATION

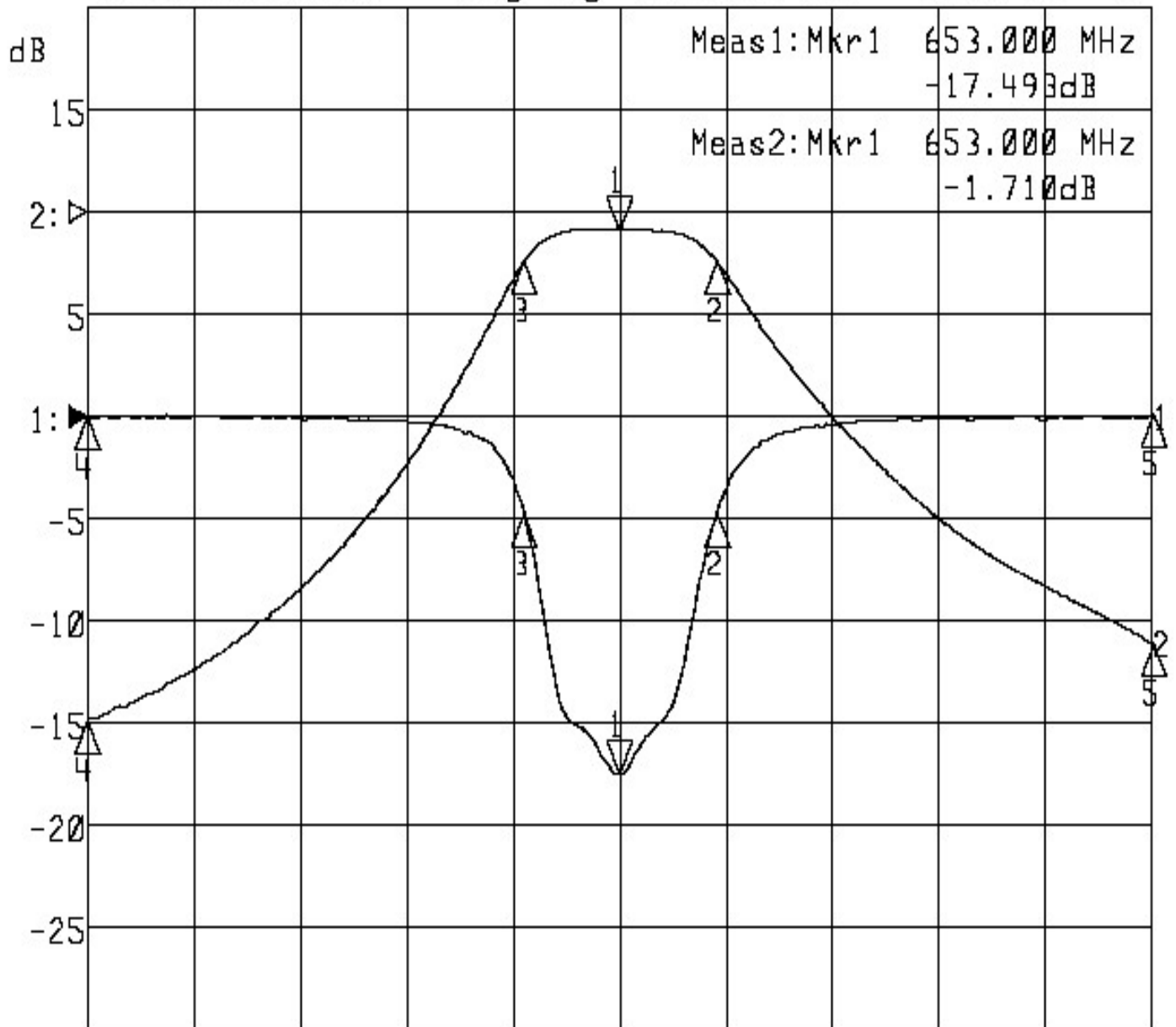
TEMWELL Form11- TM- -Vession C

RP:(P.Y.)

Performance-TM-TT63345A-653M-SMA

202005028CD

►1: Reflection Log Mag 5.0 dB/ Ref 0.00 dB C
►2: Transmission Log Mag 10.0 dB/ Ref 0.00 dB C



Center 653.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 653.0000	-17.493	1> 653.0000	-1.710
2: 671.2667	-4.724	2: 671.2667	-4.742
3: 635.1333	-4.722	3: 635.1333	-4.747
4: 553.0000	-0.033	4: 553.0000	-49.639
5: 753.0000	0.070	5: 753.0000	-42.149