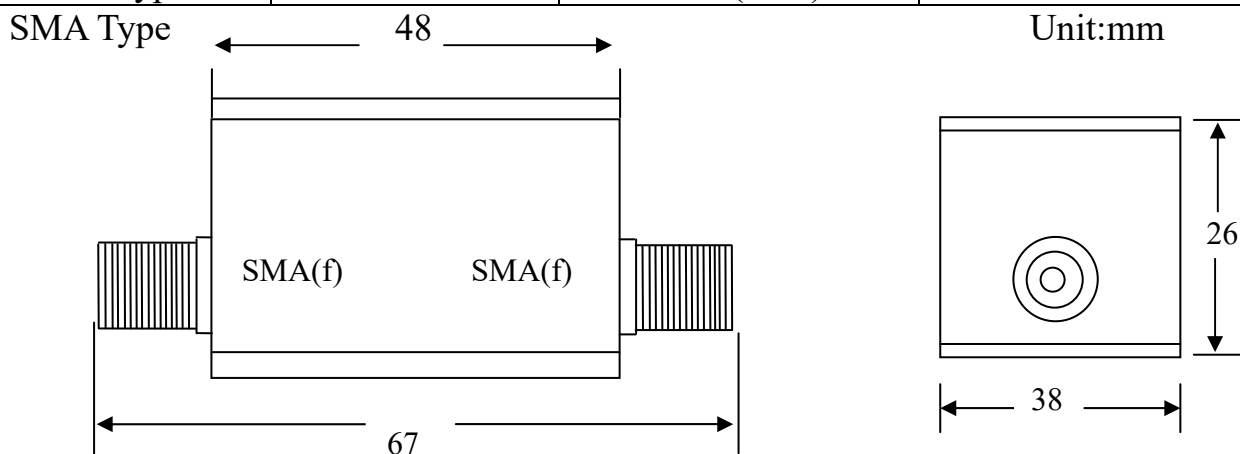


TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TTW3481B-680M-SMA
Approval No. /dated	202004064CD	Customer's Part No.	
Work Instruction No.	202004064CD	Date	May.13.2020
Case Name	TM	Temwell's print name	3481B 680M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	680 MHz	680 MHz
Insertion Loss	Typ. 4.0 dB	3.47 dB
-3 dB Bandwidth	Typ. 10 MHz	16.8 MHz
Sensitivity (Attenuation)	Fo -(100) MHz	Typ. 47 dB
	Fo +(100)MHz	Typ. 52 dB
	Fo - ()MHz	Typ. dB
	Fo +()MHz	Typ. dB
Return Loss	Min. 12 dB	25.5 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	5W3B PCB(41x12) 5HW024RB3

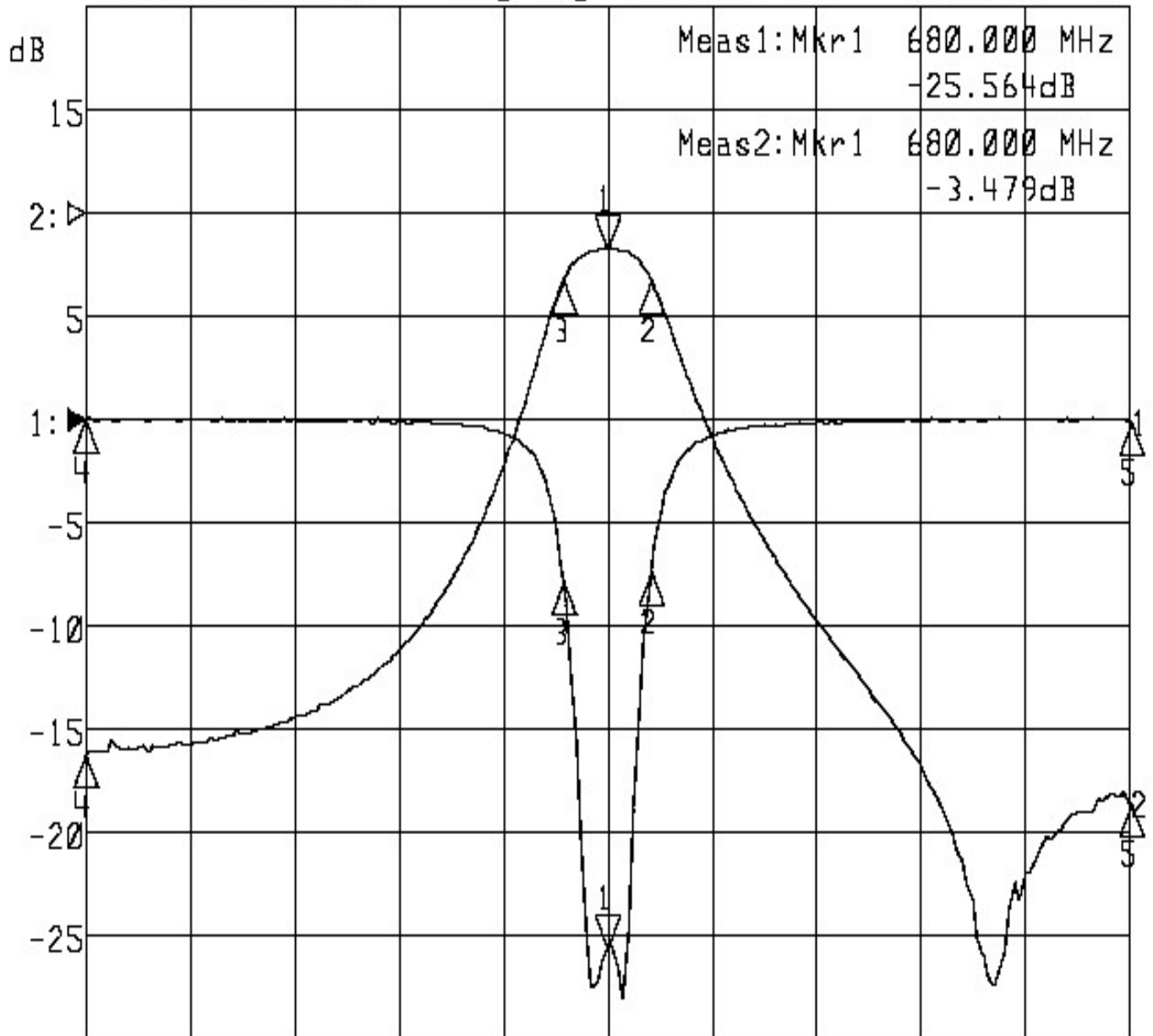
TEMWELL CORPORATION

TEMWELL Form11- TM- -Vession C

RP:(P.Y.)

Performance-TM-TTW3481B-680M-SMA 202004064CD

▶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 680.000 MHz

Span 200.000 MHz

1: Mkr (MHz) dB		2: Mkr (MHz) dB			
1>	680.0000	-25.564	1>	680.0000	-3.479
2:	688.3333	-7.380	2:	688.3333	-6.446
3:	671.5333	-7.831	3:	671.5333	-6.460
4:	580.0000	0.053	4:	580.0000	-52.382
5:	780.0000	-0.109	5:	780.0000	-57.215