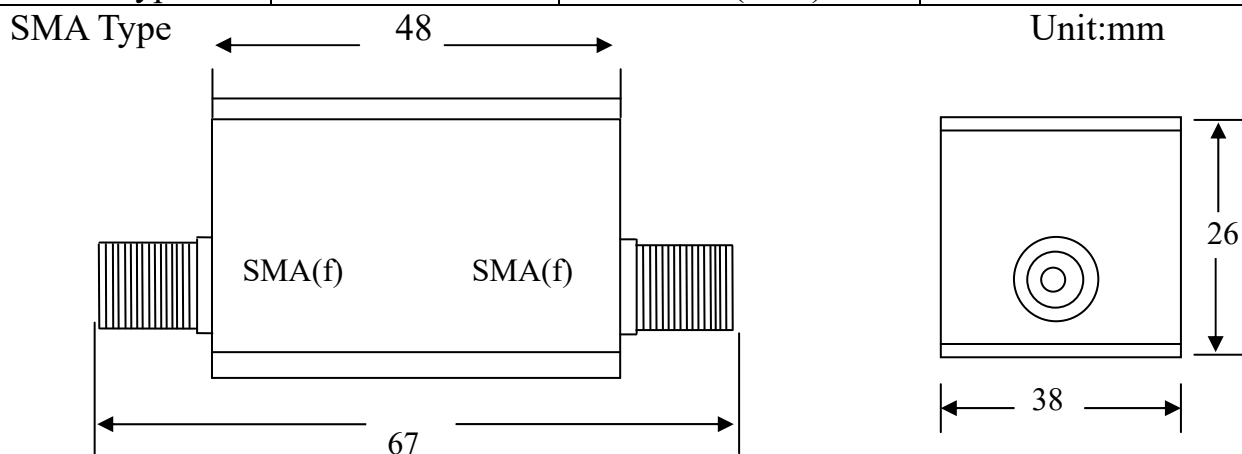


TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TTW3554B-1282.5M-SMA
Approval No. /dated	202012022CD	Customer's Part No.	
Work Instruction No.	202012022CD	Date	June.17.2021
Case Name	TM	Temwell's print name	3554B 1282.5M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1282.5 MHz	1282.5 MHz
Insertion Loss	Typ. 5.5 dB	3.14 dB
-3 dB Bandwidth	Typ. 24 MHz	32 MHz
Sensitivity (Attenuation)	Fo -(50) MHz	Typ. 30 dB
	Fo +(50)MHz	Typ. 26 dB
	Fo - ()MHz	Typ. dB
	Fo +()MHz	Typ. dB
Return Loss	Min. 12 dB	21 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	PCB 5W3B (41x12) 5HW024RB3

TEMWELL CORPORATION

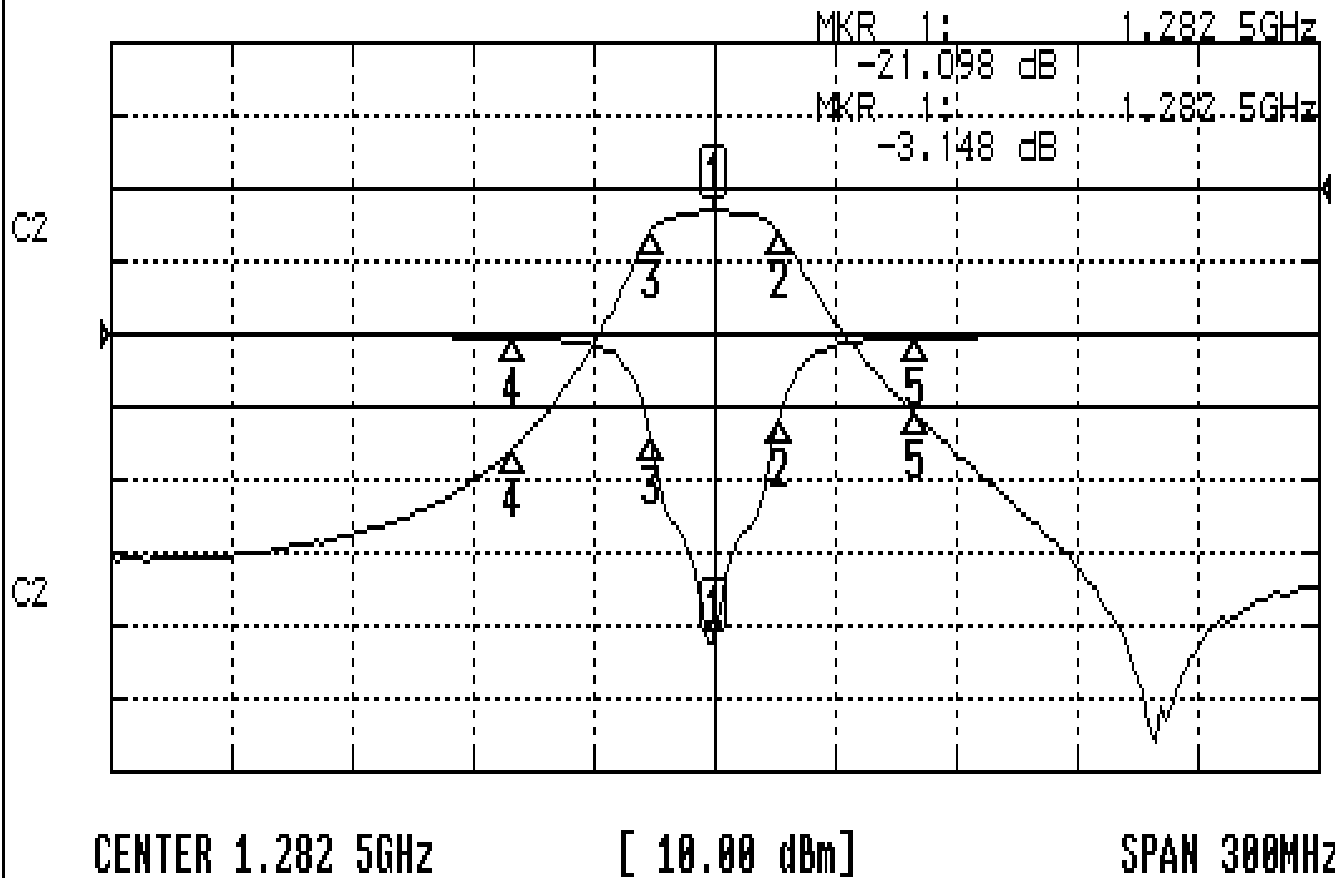
TEMWELL Form11- TM- -Vession C

RP:(S.J.)

Performance-TM-TTW3554B-1282.5M-SMA

202012022CD

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CH1 MARKER LIST

1	1.282	500GHz	-21.098	dB
2	1.298	750GHz	-15.739	dB
3	1.266	750GHz	-7.082	dB
4	1.232	500GHz	-0.240	dB
5	1.332	500GHz	-0.237	dB

CH2 MARKER LIST

1	1.282	500GHz	-3.148	dB
2	1.298	750GHz	-6.114	dB
3	1.266	750GHz	-6.109	dB
4	1.232	500GHz	-35.675	dB
5	1.332	500GHz	-31.033	dB