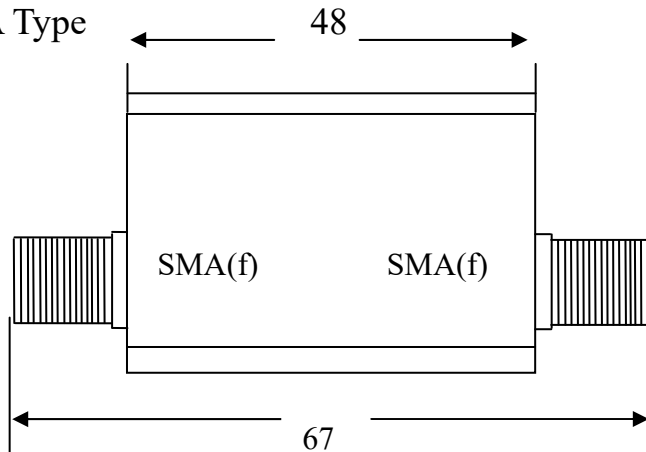


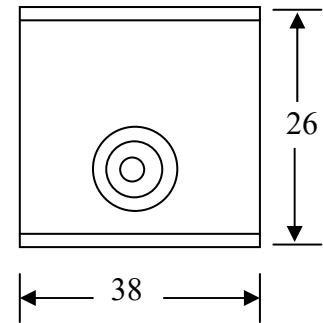
TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TF69550E-915M-SMA
Approval No. /dated	202011035CD	Customer's Part No.	
Work Instruction No.	202011035CD	Date	Dec.15.2020
Case Name	TM	Temwell's print name	69550E 915M
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 %		915 MHz	915 MHz
Insertion Loss		Typ. 4.0 dB	2.40 dB
-3 dB Bandwidth		Typ. 27 MHz	30.4 MHz
Sensitivity (Attenuation)	Fo -(100) MHz	Typ. 55 dB	60 dB
	Fo +(100)MHz	Typ. 49 dB	54 dB
	Fo -()MHz	>	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	59.3 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	7H4E PCB(41x12) 7H046LB4.3 聚 3X(J1)

TEMWELL CORPORATION

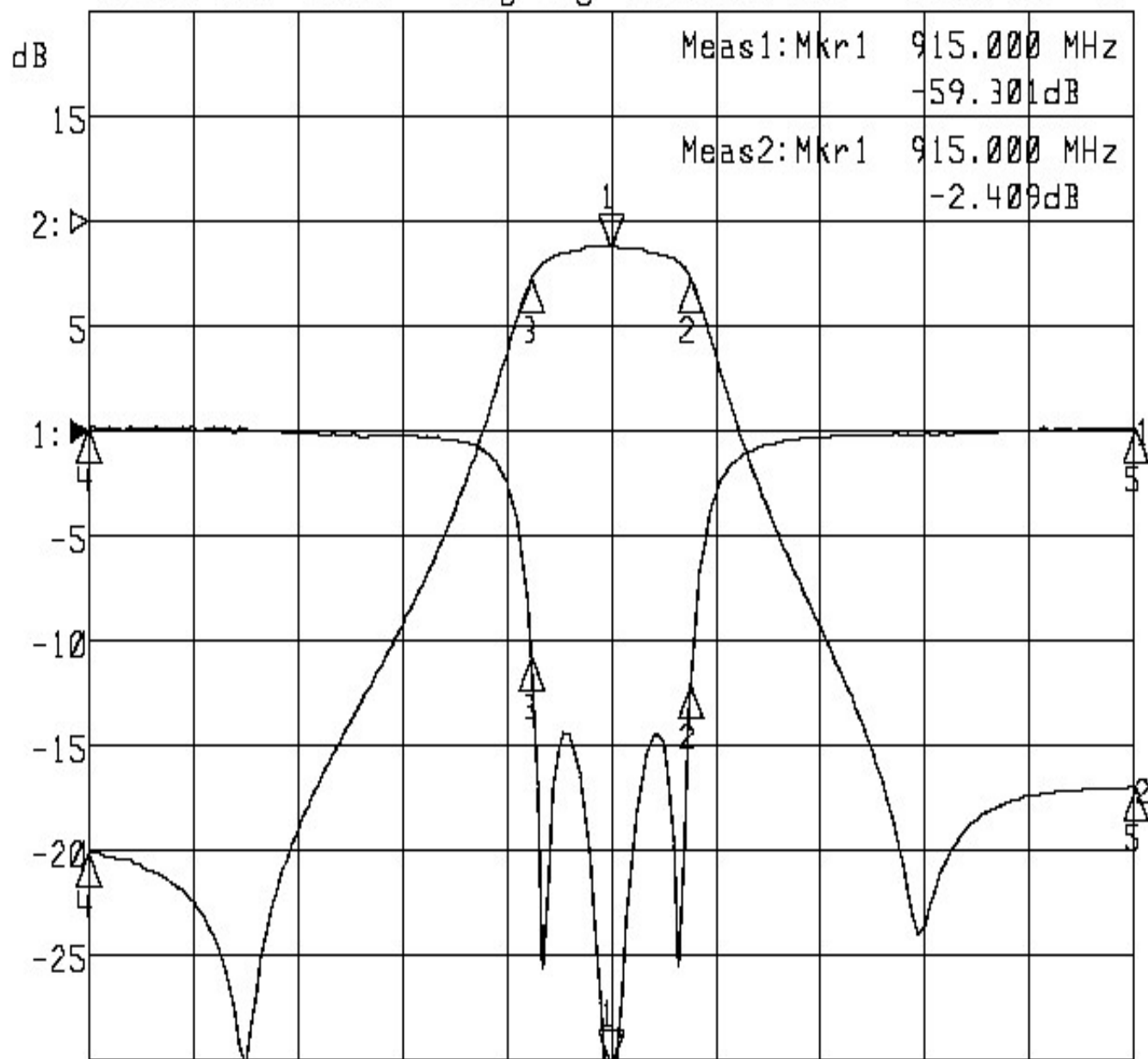
TEMWELL Form11- TM- -Vession C

RP(S.J.)

Performance-TM-TF69550E-915M-SMA

202011035CD

►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



Center 915.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 915.0000	-59.301	1> 915.0000	-2.409
2: 930.2667	-12.174	2: 930.2667	-5.430
3: 899.8000	-10.740	3: 899.8000	-5.471
4: 815.0000	0.149	4: 815.0000	-60.200
5: 1015.0000	0.076	5: 1015.0000	-54.051