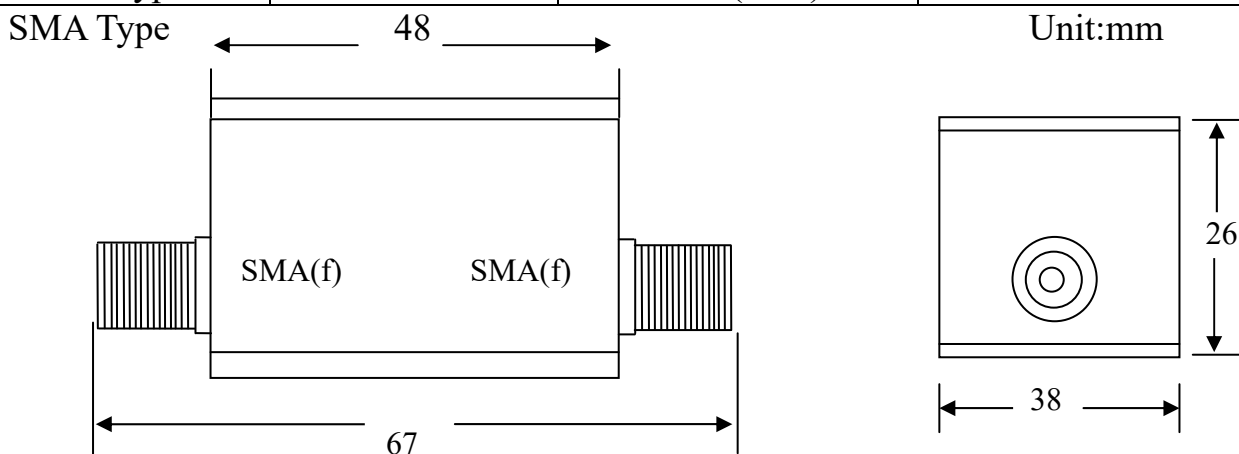


# TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TT67524B-44M-SMA
Approval No. /dated	202005021CD	Customer's Part No.	
Work Instruction No.	202005021CD	Date	May.22.2020
Case Name	TM	Temwell's print name	67524B 44M
Terminator Type	SMA(f)/SMA(f)	Case size : ( mm)	48*38*26



### (3) Electric Character

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	44 MHz	44 MHz
Insertion Loss	Typ. 3.0 dB	2.0 dB
-3 dB Bandwidth	Typ. 7 MHz	8 MHz
Sensitivity (Attenuation )	Fo -( 20 ) MHz Typ. 47 dB	52 dB
	Fo +( 20 )MHz Typ. 48 dB	53 dB
	Fo - ( )MHz Typ. dB	dB
	Fo +( )MHz Typ. dB	dB
Return Loss	Min. 12 dB	20.5 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	Y.C. Li	7H3B PCB(41x12) 7H00LB6

**TEMWELL CORPORATION**

TEMWELL Form11- TM- -Vession C

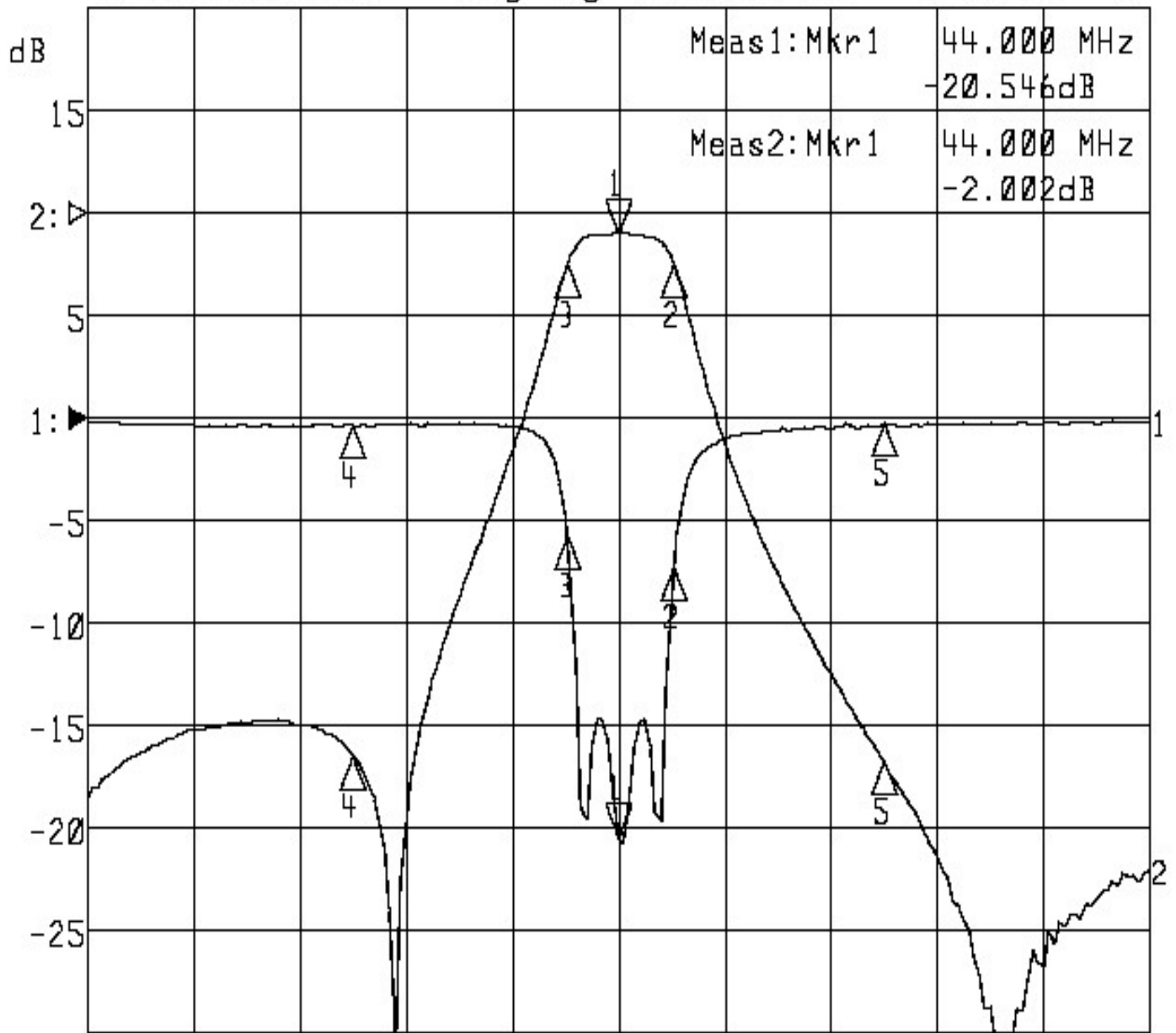
RP:(Y.C.)

# Performance-TM-TT67524B-44M-SMA

## 202005021CD

▶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 44.000 MHz

Span 80.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 44.0000	-20.546	1> 44.0000	-2.002
2: 48.1867	-7.200	2: 48.1867	-5.002
3: 40.1333	-5.714	3: 40.1333	-5.092
4: 24.0000	-0.356	4: 24.0000	-52.913
5: 64.0000	-0.311	5: 64.0000	-53.594