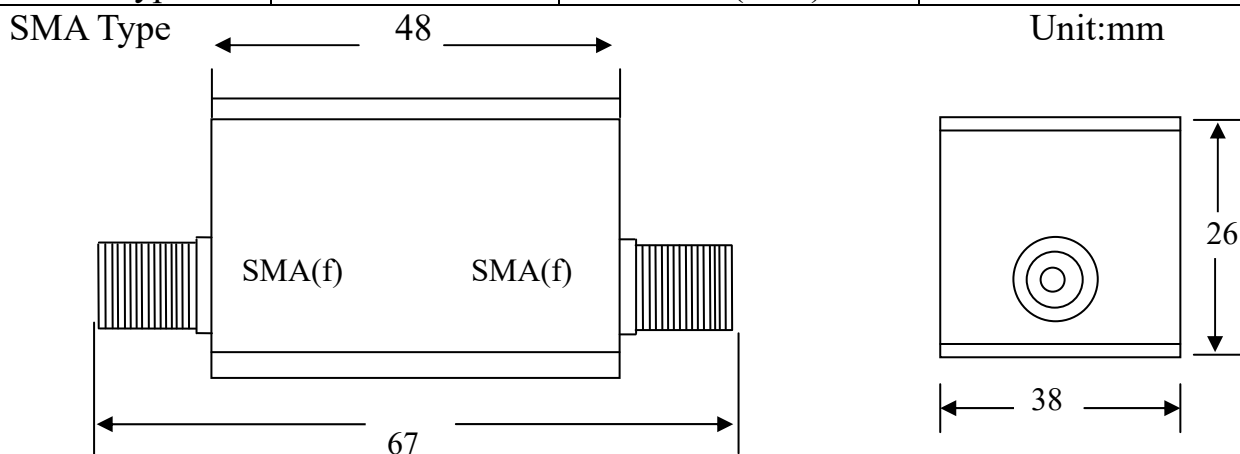


# TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TTW3659B-325M-SMA
Approval No. /dated	202004058CD	Customer's Part No.	
Work Instruction No.	202004058CD	Date	May.14.2020
Case Name	TM	Temwell's print name	3659B 325M
Terminator Type	SMA(f)/SMA(f)	Case size : ( mm)	48*38*26



### (3) Electric Character

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	325 MHz	325 MHz
Insertion Loss	Typ. 4.0 dB	3.28 dB
-3 dB Bandwidth	Typ. 15 MHz	17.8 MHz
Sensitivity (Attenuation )	Fo -( 100 ) MHz	Typ. 59 dB
	Fo +( 100 )MHz	Typ. 55 dB
	Fo - ( )MHz	Typ. dB
	Fo +( )MHz	Typ. dB
Return Loss	Min. 12 dB	31.0 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) 5HW00LB3

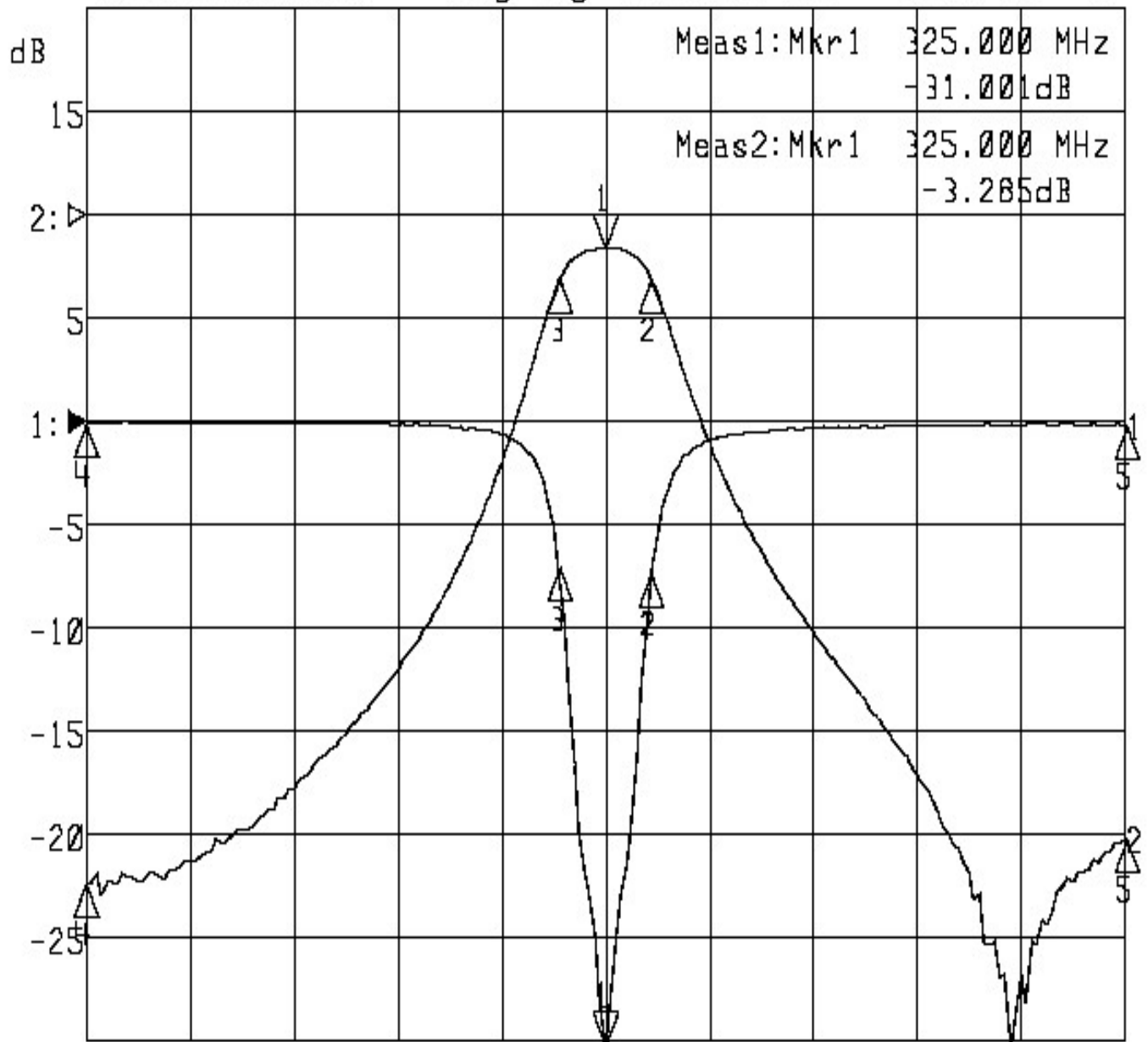
**TEMWELL CORPORATION**

TEMWELL Form11- TM- -Vession C

RP:(P.Y.)

# Performance-TM-TTW3659B-325M-SMA 202004058CD

▶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 325.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 325.0000	-31.001	1> 325.0000	-3.285
2: 333.9333	-7.339	2: 333.9333	-6.231
3: 316.0667	-7.125	3: 316.0667	-6.296
4: 225.0000	-0.069	4: 225.0000	-64.786
5: 425.0000	-0.198	5: 425.0000	-60.455