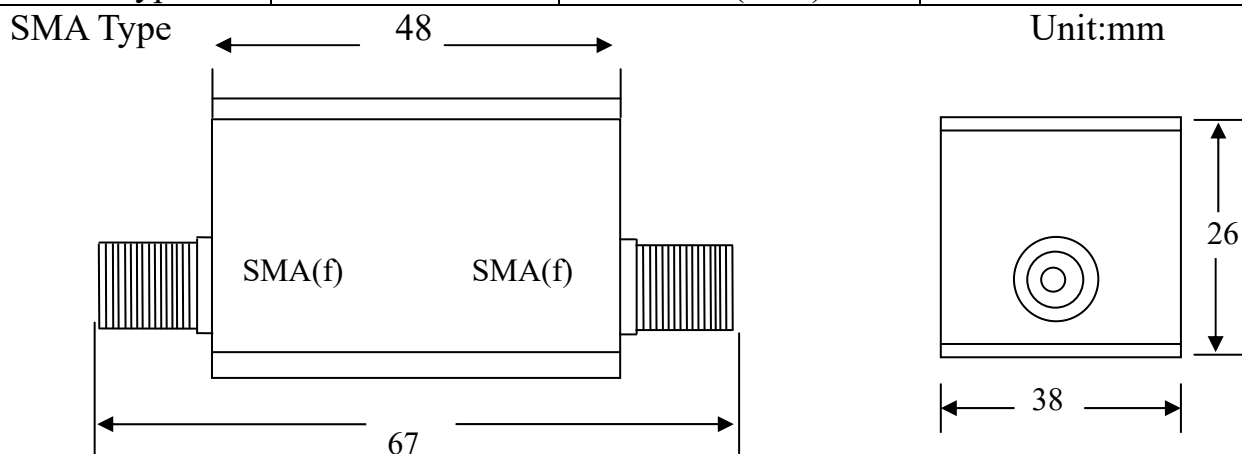


# TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TTW3739B-1275M-SMA
Approval No. /dated	202012020CD	Customer's Part No.	
Work Instruction No.	202012020CD	Date	Mar.16.2021
Case Name	TM	Temwell's print name	3739B 1275M
Terminator Type	SMA(f)/SMA(f)	Case size : ( mm)	48*38*26



### (3) Electric Character

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	1275 MHz	1275 MHz
Insertion Loss	Typ. 3.0 dB	1.23 dB
-3 dB Bandwidth	Typ. 50 MHz	60 MHz
Sensitivity (Attenuation )	Fo -( 150 ) MHz	Typ. 34 dB
	Fo +( 150 )MHz	Typ. 28 dB
	Fo - ( )MHz	Typ. dB
	Fo +( )MHz	Typ. dB
Return Loss	Min. 12 dB	31.7 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

### 4. Temperature Condition:

Operating Temperature	-30 °C ~ +70 °C
Storage Temperature	-30 °C ~ +80 °C

Approval	Supervisor	Designer	PCB
C.C. Chang	C.K. Chang	S.J. Li	5W3B PCB(41x12) 5HW046RB3.2

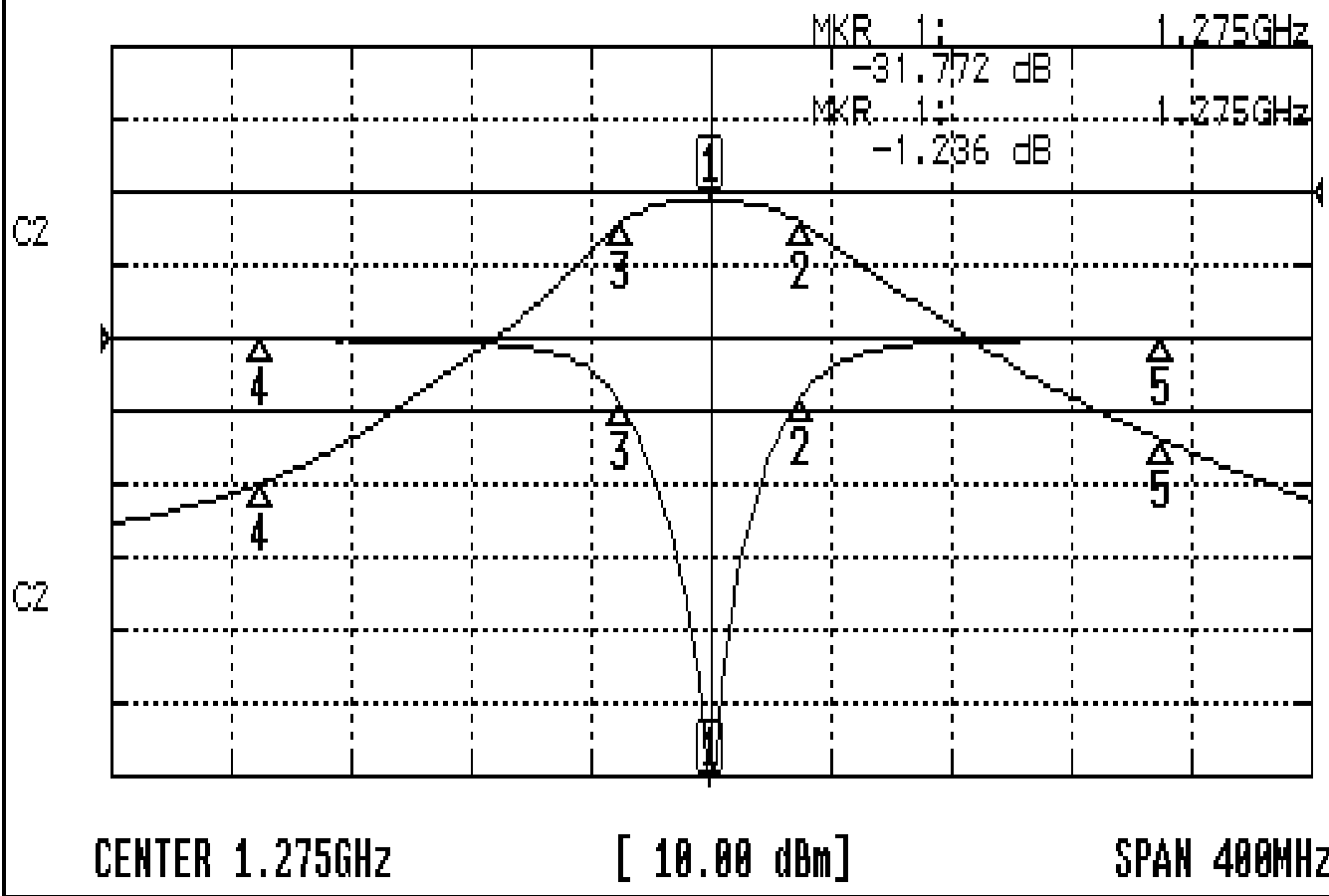
**TEMWELL CORPORATION**

TEMWELL Form11- TM- -Vession C

RP:(S.J.)

# Performance-TM-TTW3739B-1275M-SMA 202012020CD

**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:	1.275 000GHz	-31.818 dB
2:	1.305 000GHz	-4.069 dB
3:	1.245 000GHz	-4.475 dB
4:	1.125 000GHz	-0.116 dB
5:	1.425 000GHz	-0.076 dB

**CH2 MARKER LIST**

1:	1.275 000GHz	-1.236 dB
2:	1.305 000GHz	-4.258 dB
3:	1.245 000GHz	-4.294 dB
4:	1.125 000GHz	-39.844 dB
5:	1.425 000GHz	-33.849 dB