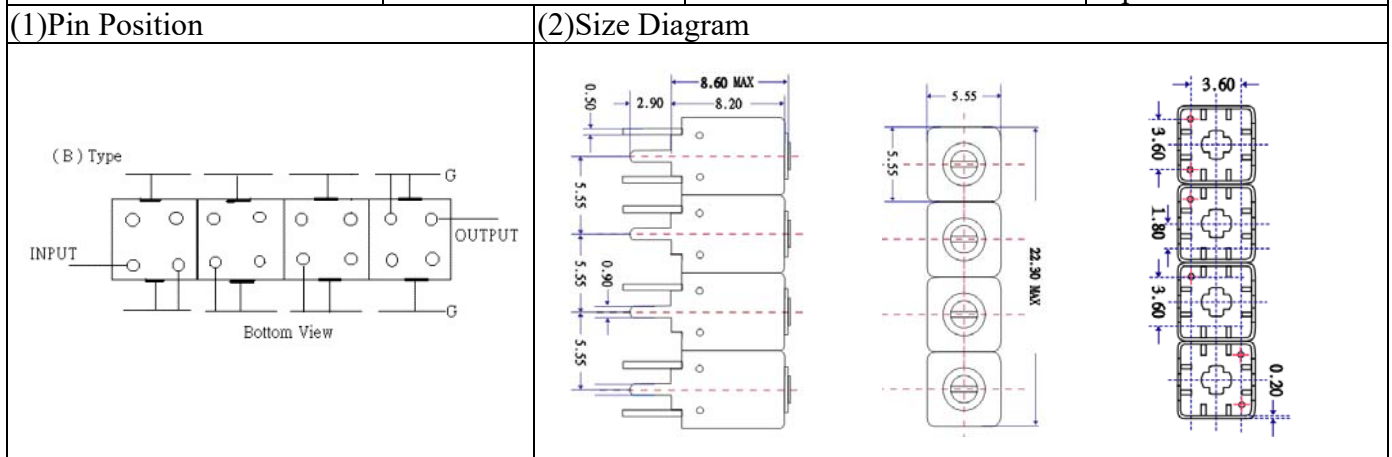


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4861B-2600M
Approval No. /dated		Temwell's Print name	4861B 2600M
Work Instruction No.	202007065CD	Date	Sep.10.2020



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	2600 MHz	2600 MHz
Insertion Loss	Typ. 5.5 dB	4.37 dB
-3 dB Bandwidth	Typ. 102 MHz	107.3 MHz
Sensitivity (Attenuation)	Fo - 300 MHz	Typ. 46 dBc
	Fo + 300 MHz	Typ. 24 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	16.0 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω
(4) Torque for Tuning Screw	> 60gf · cm	

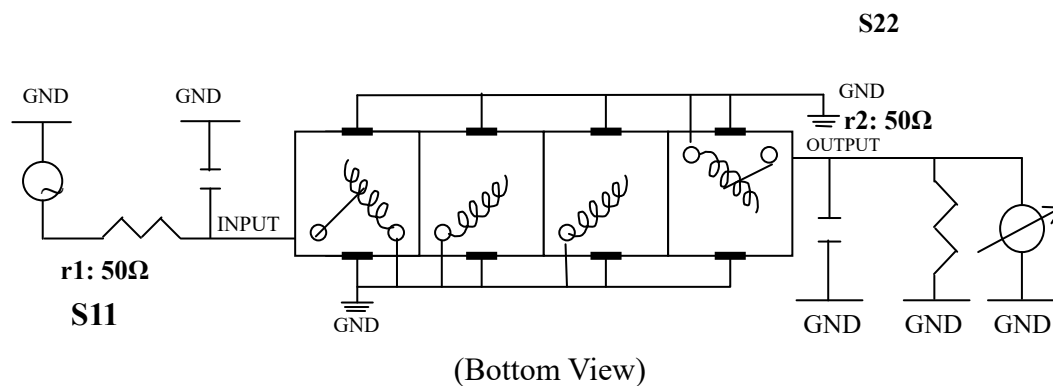
(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power

	> 0.5Watt
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(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).

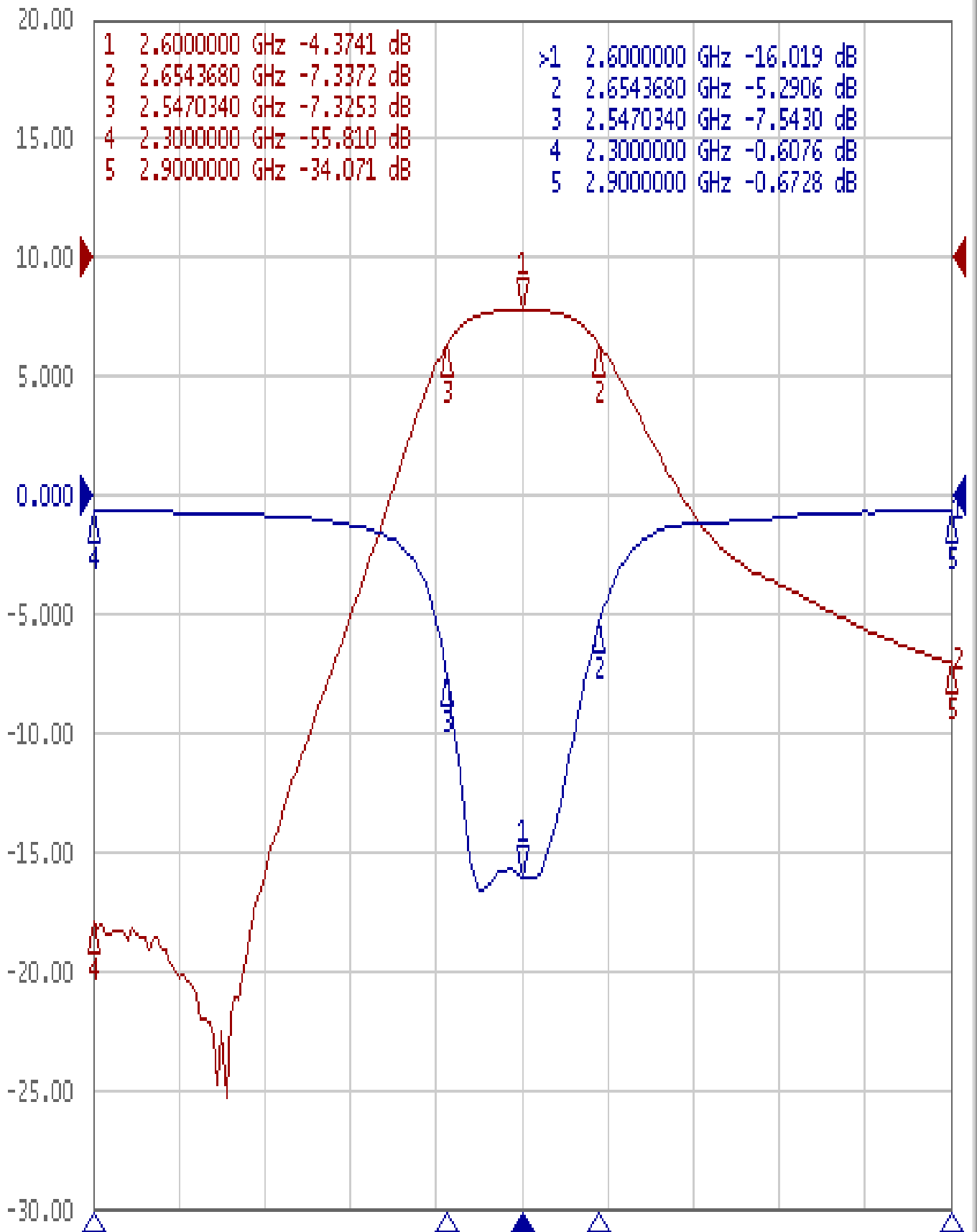


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.H.Wang	5W4S(3.8*4.5)(4.51) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

Performance-TFW4861B-2600M

202007065CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 2.6 GHz

IFBW 70 kHz

Span 600 MHz

Cor |