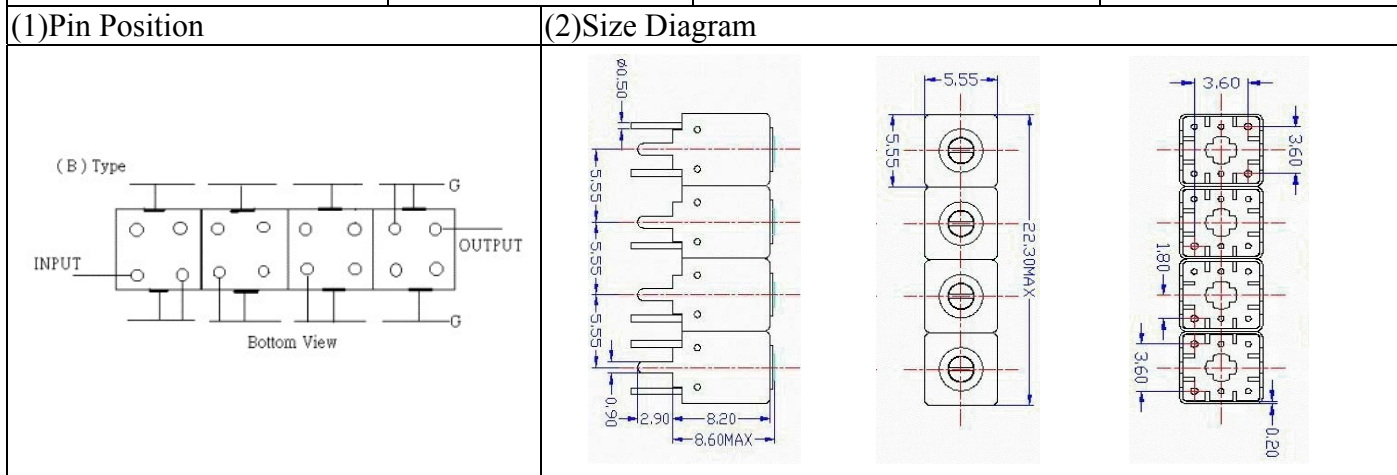


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4674B-915M
Approval No. /dated	0802075APR	Temwell,s print Name	901~950M
Work Instruction No.	0802075BD	Date	Mar.05.2008



(3) Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	915 MHz	915 MHz	
Insertion Loss	Typ. 5.0 dB	3.84 dB	
-3 dB Bandwidth	Typ. 28 MHz	32.1 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 61 dBc	64 dBc
	Fo + 100 MHz	Typ. 58 dBc	61 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	25.7 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 60gf • cm

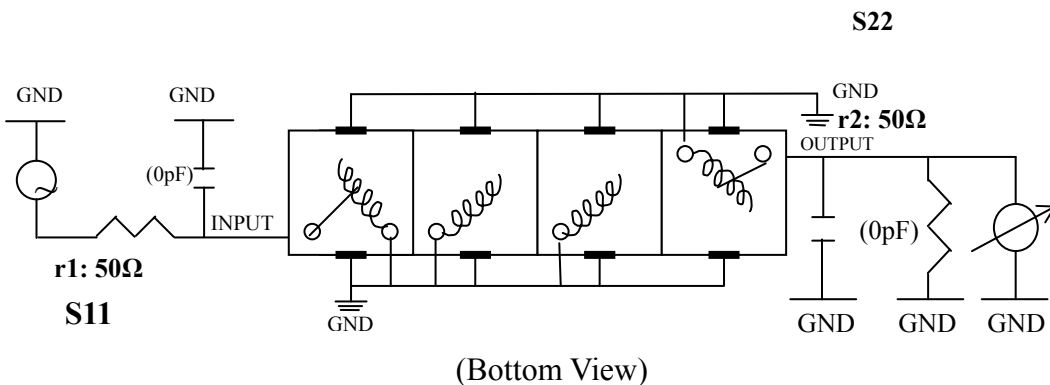
(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
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Storage Temperature	-20°C ~ +70°C
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(6) Input Power	> 0.5Watt
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(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(0pF) / (0pF).



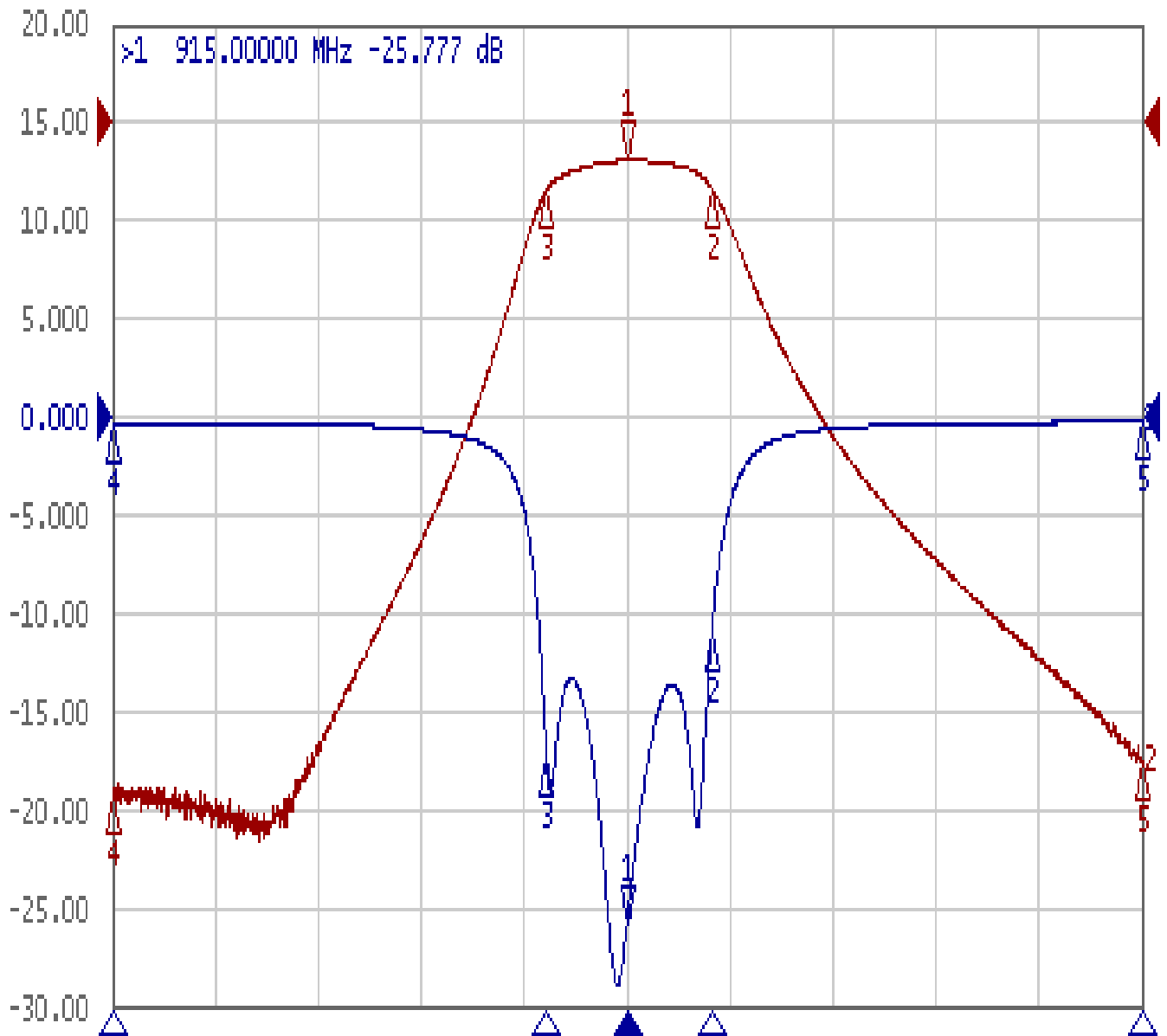
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5W4(3.8*4.0) 5HW024RB3

TEMWELL CORPORATION

Performance-TFW4674B-915M

0802075BD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F3]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F3]



1 Center 915 MHz

IFBW 10 kHz

Span 200 MHz



Ch1	Tr1	S11	>1	915.00000	MHz	-25.777	dB
Ch1	Tr1	S11	2	931.47275	MHz	-10.897	dB
Ch1	Tr1	S11	3	899.35825	MHz	-17.309	dB
Ch1	Tr1	S11	4	815.00000	MHz	-0.2766	dB
Ch1	Tr1	S11	5	1.0150000	GHz	-0.2165	dB
Ch1	Tr2	S21	1	915.00000	MHz	-3.8421	dB
Ch1	Tr2	S21	2	931.47275	MHz	-6.6966	dB
Ch1	Tr2	S21	3	899.35825	MHz	-6.8875	dB
Ch1	Tr2	S21	4	815.00000	MHz	-68.695	dB
Ch1	Tr2	S21	5	1.0150000	GHz	-65.234	dB