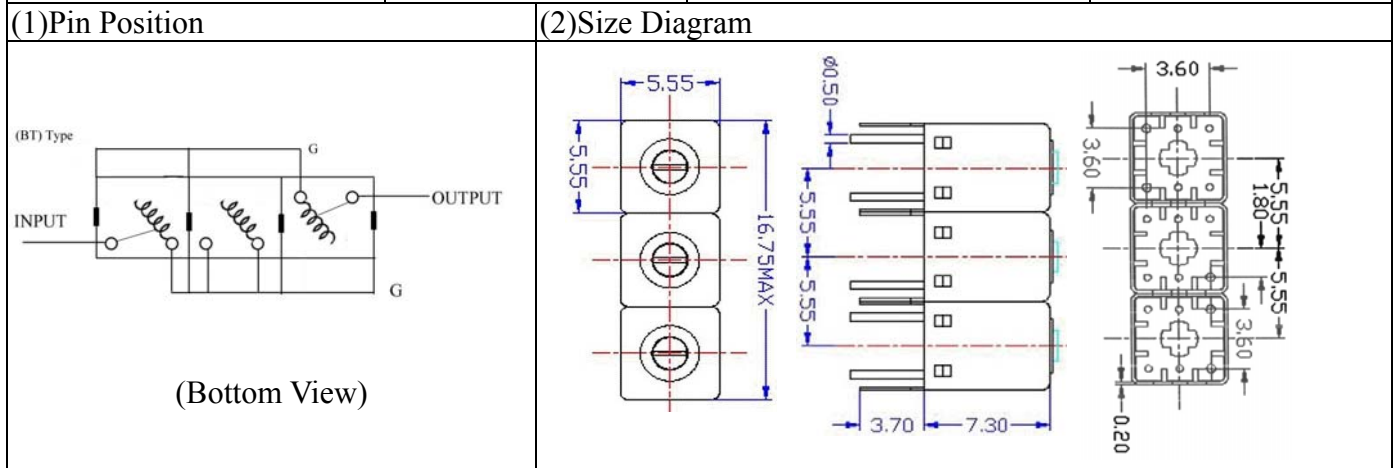


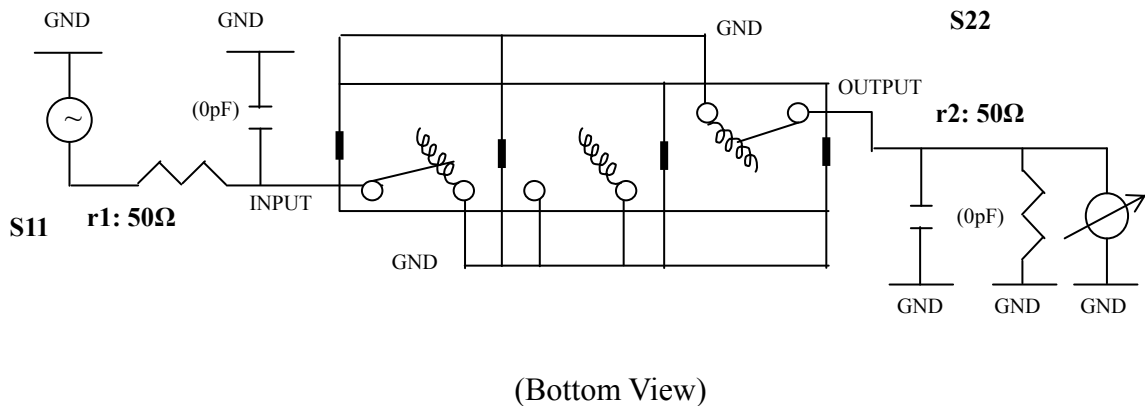
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RBT-705M-20M
Approval No. /dated	0909070CD	Customer's Part No.	K3RBT 705M
Work Instruction No.	200909070CD	Date	Oct.15.2009



(3) Electric Characteristic			
Item	Specify		Performance
Center Freq.(Fo) +/- 0.5 %	705	MHz	705 MHz
Insertion Loss	Typ. 4.0	dB	2.90 dB
-3 dB Bandwidth	Typ. 20	MHz	24.3 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 30 dBc	39 dBc
	Fo + 50 MHz	Typ. 26 dBc	33 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12	dB	23.1 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	

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about(0pF) / (0pF).

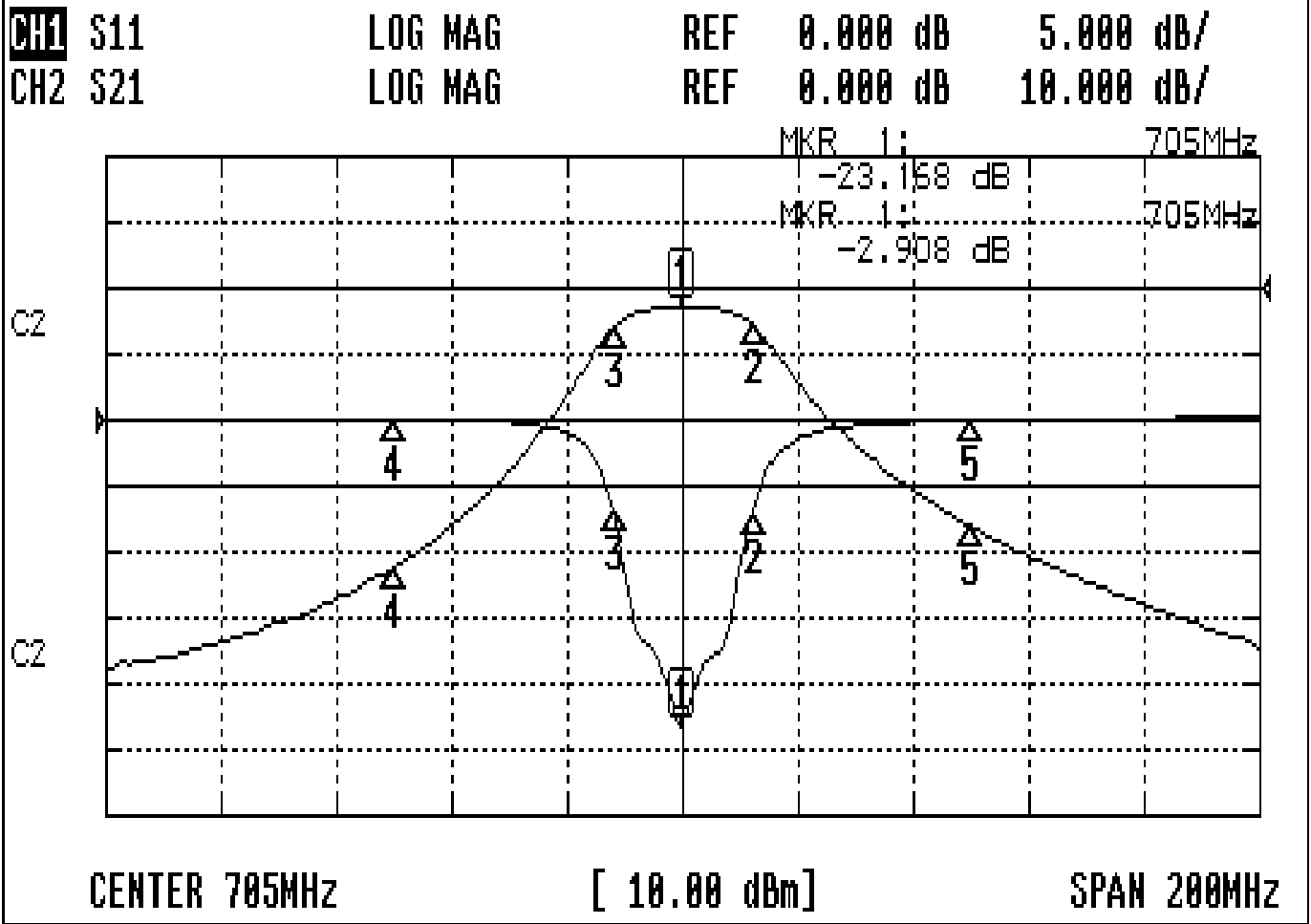


Approval C.Y.Chang	Supervisor C.K.Chang	Designer H.Y.Hui	Aperture size 5R3S(3.8*3.7)(3.75) 5HW024RB3
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TEMWELL CORPORATION

Performance-K3RBT-705M-20M

200909070CD



CH1 MARKER LIST

1:	705.000MHz	-23.168	dB
2:	717.333MHz	-6.764	dB
3:	693.000MHz	-6.658	dB
4:	655.000MHz	-0.082	dB
5:	755.000MHz	-0.012	dB

CH2 MARKER LIST

1:	705.000MHz	-2.908	dB
2:	717.333MHz	-15.866	dB
3:	693.000MHz	-16.020	dB
4:	655.000MHz	-42.290	dB
5:	755.000MHz	-36.071	dB