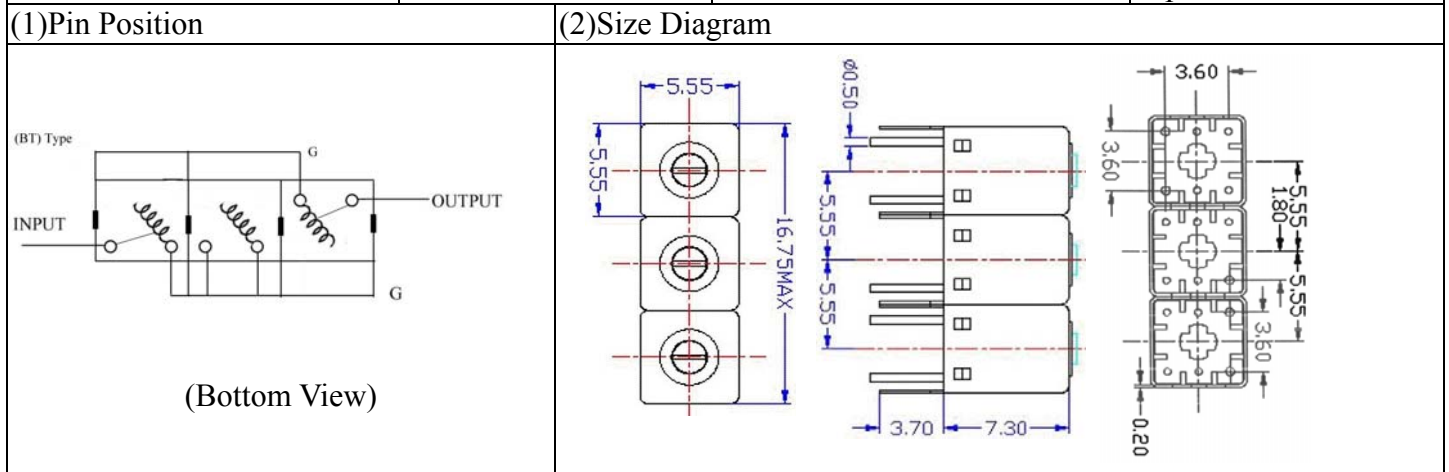


# VHF UHF Helical Filter Specification Sheet

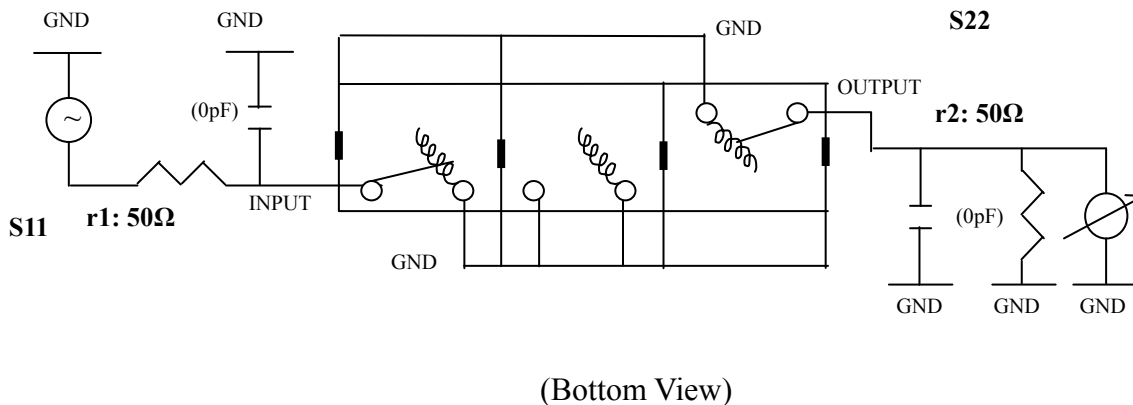
Customer Name		Temwell's Part No.	K3RBT-655M-16M
Approval No. /dated	0909069CD	Temwell's Print name	K3RBT 655M
Work Instruction No.	200909069CD	Date	Sep.25.2009



(3) Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo ) +/- 0.5 %		655 MHz		655 MHz	
Insertion Loss		Typ. 4.0 dB		3.00 dB	
-3 dB Bandwidth		Typ. 16 MHz		20.3 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 30 dBc		38 dBc	
	Fo + 50 MHz	Typ. 26 dBc		32 dBc	
	Fo - ( )MHz	Typ. dBc		dBc	
	Fo +( )MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		39.6 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).

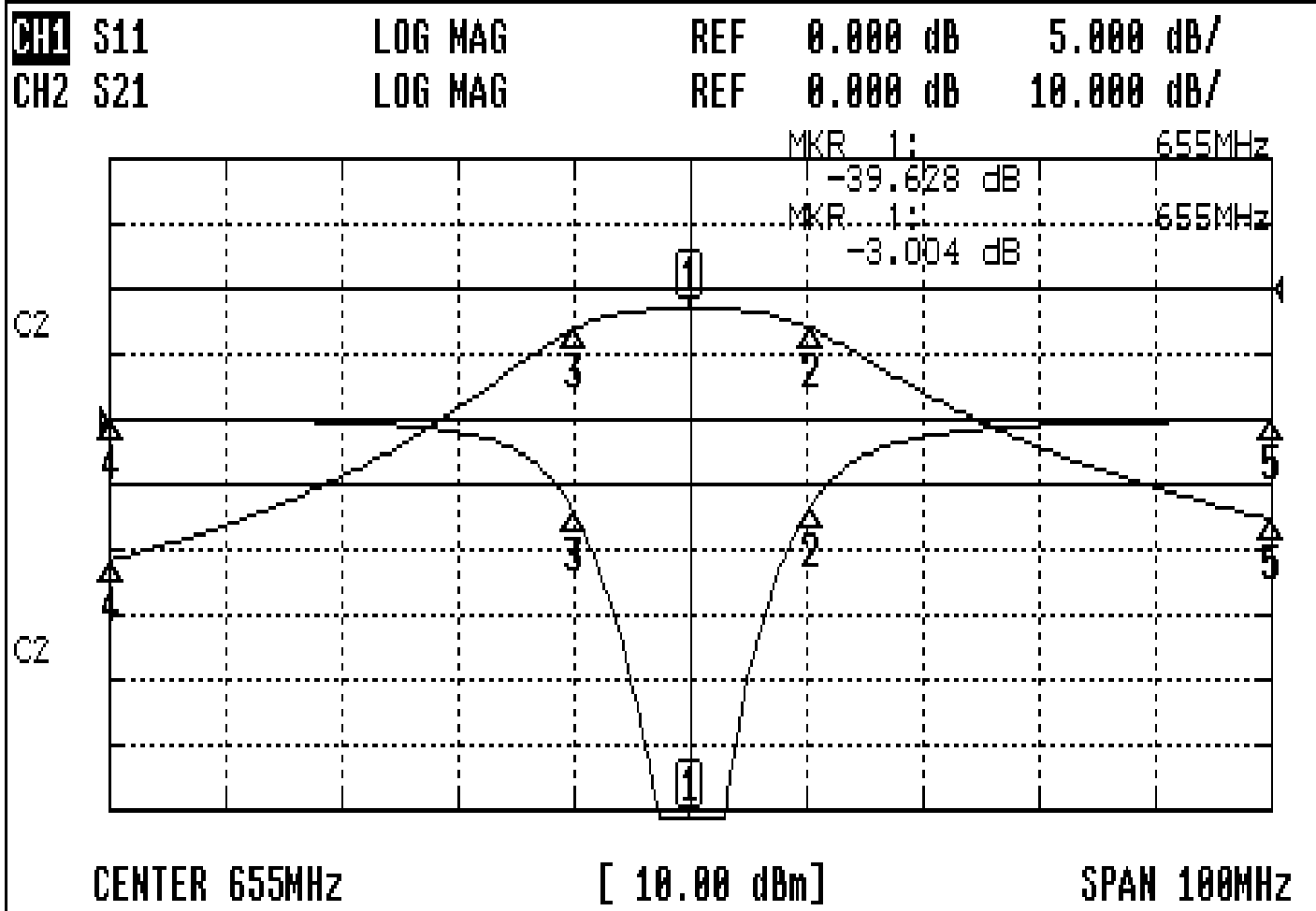


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5R3S(3.8*3.7)(3.72) 5HW024RB3

TEMWELL CORPORATION

# Performance-K3RBT-655M-16M

## 200909069CD



### CH1 MARKER LIST

1:	655.000MHz	-39.636 dB
2:	665.333MHz	-6.756 dB
3:	645.000MHz	-7.037 dB
4:	605.000MHz	0.078 dB
5:	705.000MHz	-0.026 dB

### CH2 MARKER LIST

1:	655.000MHz	-3.004 dB
2:	665.333MHz	-6.012 dB
3:	645.000MHz	-6.009 dB
4:	605.000MHz	-41.551 dB
5:	705.000MHz	-35.475 dB