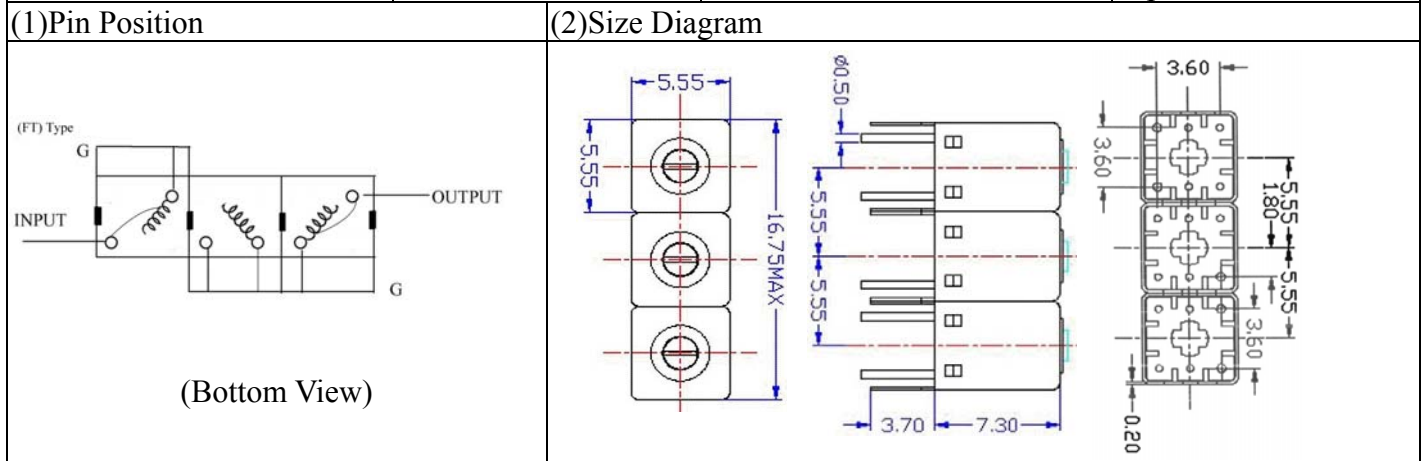


# VHF UHF Helical Filter Specification Sheet

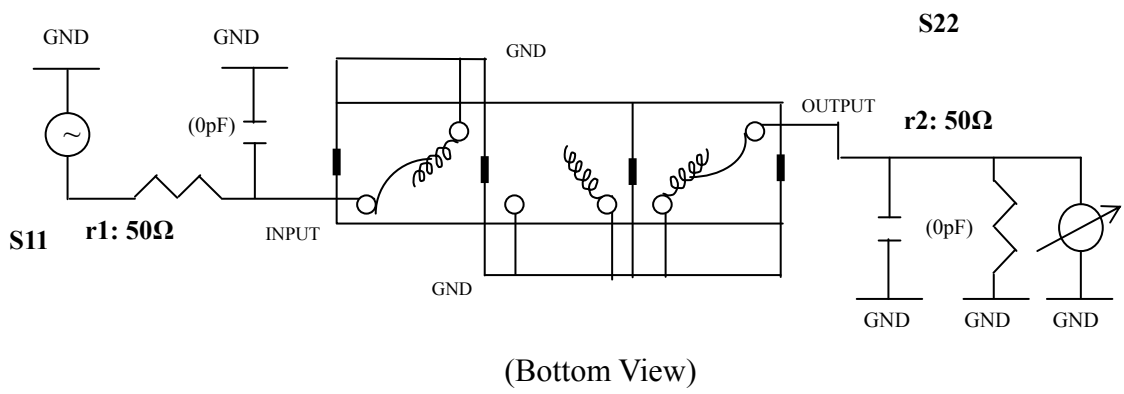
Customer Name		Temwell's Part No.	K3RFT-320M-20M
Approval No. /dated	0908115CD	Temwell's Print name.	K3RFT 320M
Work Instruction No.	200908115CD	Date	Sep.03.2009



(3) Electric Characteristic		Item	Specify	Performance
		Center Freq.(Fo) +/- 0.5 %	320 MHz	320 MHz
		Insertion Loss	Typ. 3.5 dB	2.12 dB
		-3 dB Bandwidth	Typ. 20 MHz	22.4 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 33 dBc		44 dBc
	Fo + 50 MHz	Typ. 25 dBc		37 dBc
	Fo - ( )MHz	Typ. dBc		dBc
	Fo + ( )MHz	Typ. dBc		dBc
		Return Loss	Min. 12 dB	31.5 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).



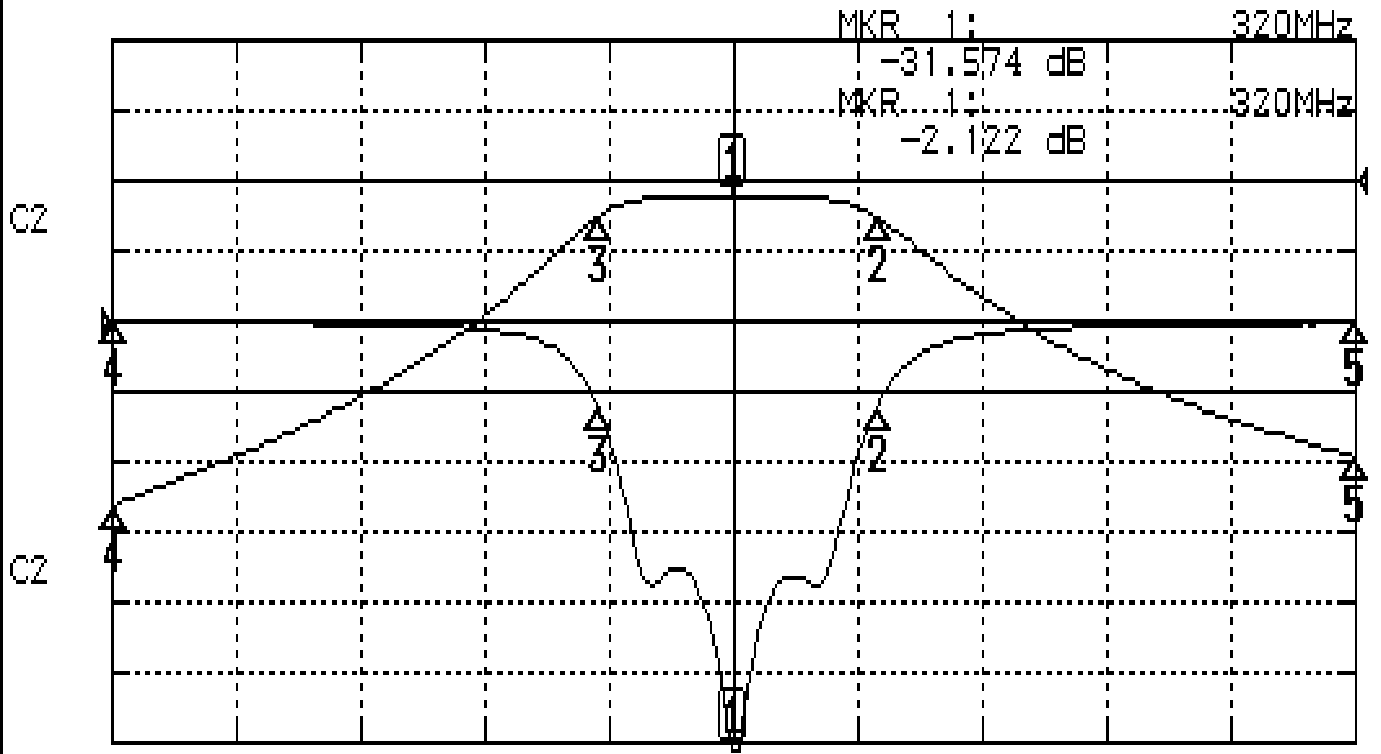
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5R3S(3.8*4.2)(4.20) 5HW020RB3.5

TEMWELL CORPORATION

# Performance-K3RFT-320M-20M

## 200908115CD

**CH1** S11                      LOG MAG                      REF   0.000 dB                      5.000 dB/  
**CH2** S21                      LOG MAG                      REF   0.000 dB                      10.000 dB/



CENTER 320MHz

[ 10.00 dBm ]

SPAN 100MHz

**CH1 MARKER LIST**

1:	320.000MHz	-31.591 dB
2:	331.500MHz	-6.179 dB
3:	309.166MHz	-6.120 dB
4:	270.000MHz	-0.076 dB
5:	370.000MHz	-0.131 dB
6:		
7:		
8:		
9:		
10:		

**CH2 MARKER LIST**

1:	320.000MHz	-2.122 dB
2:	331.500MHz	-5.101 dB
3:	309.166MHz	-5.170 dB
4:	270.000MHz	-46.110 dB
5:	370.000MHz	-39.237 dB
6:		
7:		
8:		
9:		
10:		