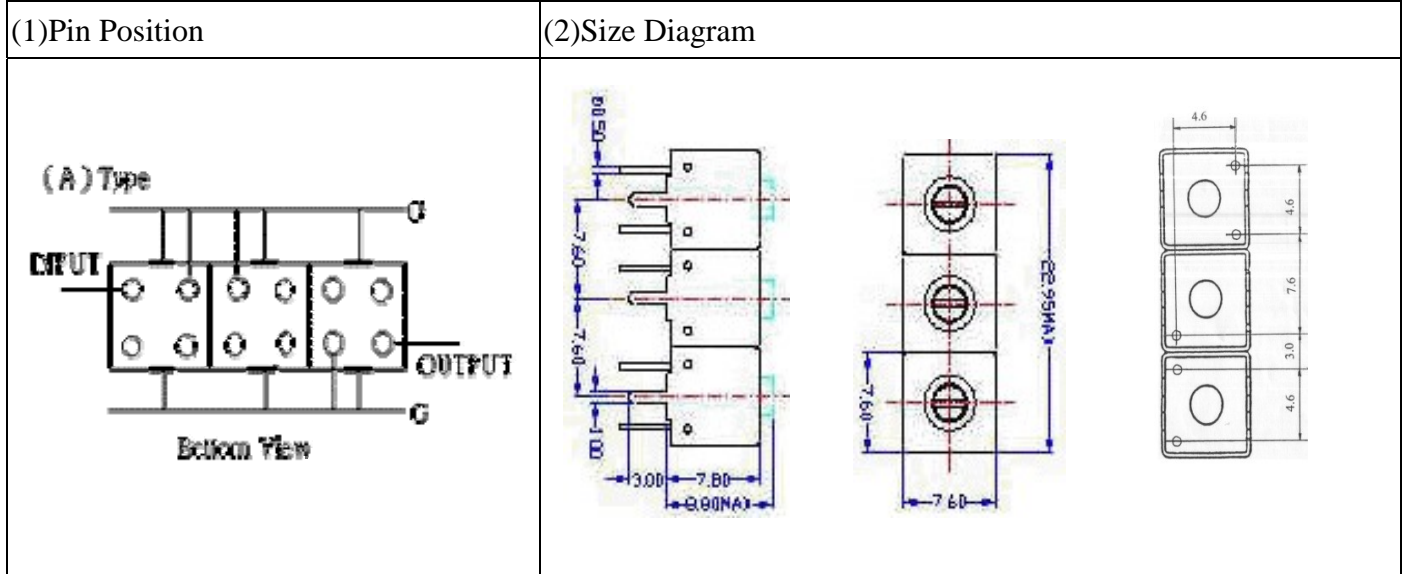


# .VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS-3053A-360M
Approval No. /dated	20203057DB	Acceptable Specify Fo. Range	356~400MHz
Work Instruction No.	20203057DB	Date	2002/03/27



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	360 MHz	360 MHz	
Tunable Range	360±5 MHz	360±5 MHz	
Insertion Loss	Typ. 2.5 dB	1.7 dB	
-3 dB Bandwidth	Typ. 35 MHz	38 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 23 dBc	26 dBc
	Fo + 50 MHz	Typ. 20 dBc	23 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	21 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 100gf · cm

(5) Temperature Condition:

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

(6) Input Power > 1Watt

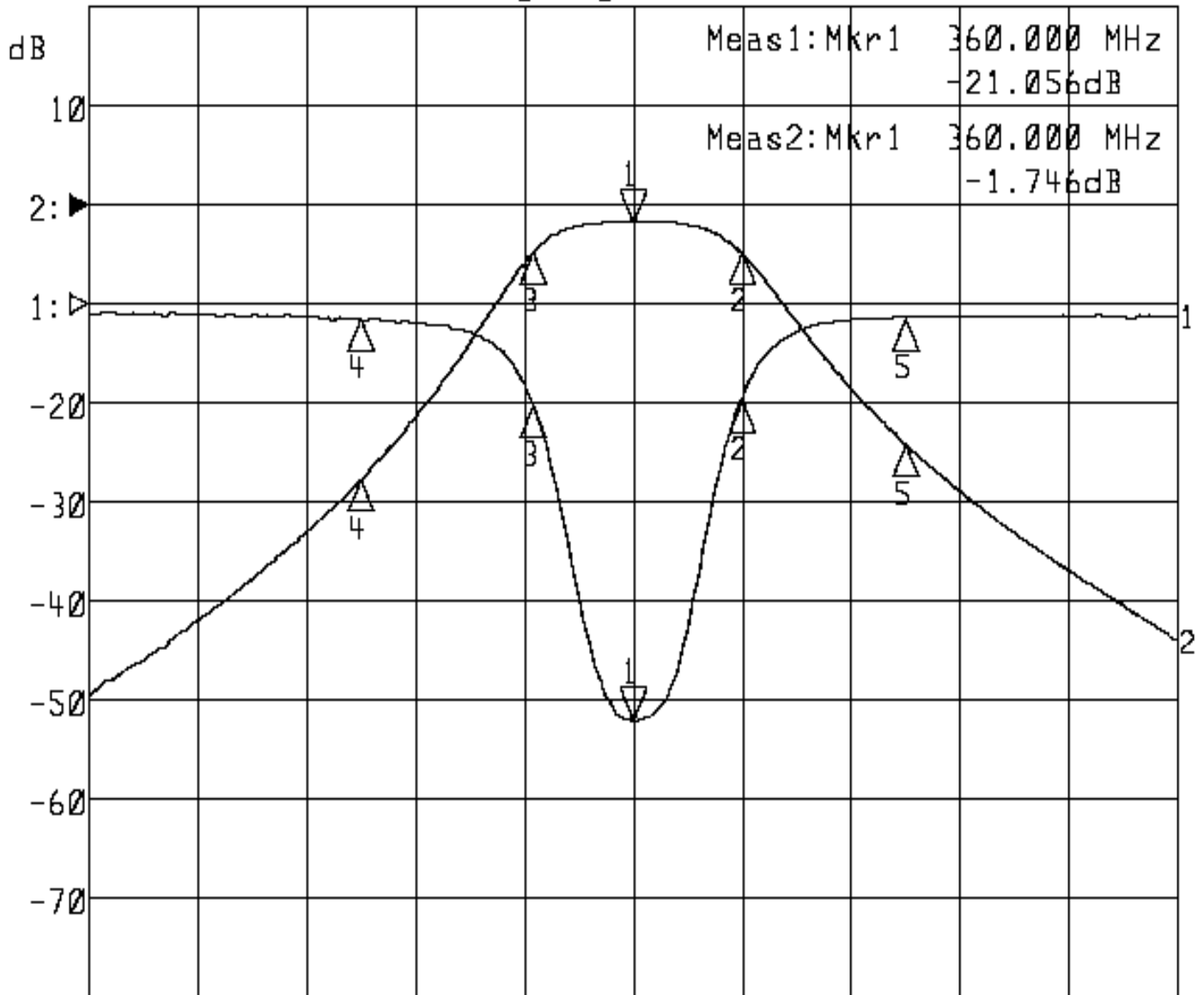
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S(4*5.2) 7S024RB6

TEMWELL CORPORATION

# Performance-TTS-3053A-360M

## 20203057DB

►1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C  
►2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 360.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 360.0000	-21.056	1> 360.0000	-1.746
2: 379.8000	-4.841	2: 379.8000	-4.783
3: 341.8000	-5.164	3: 341.8000	-4.750
4: 310.0000	-0.800	4: 310.0000	-27.762
5: 410.0000	-0.690	5: 410.0000	-24.189