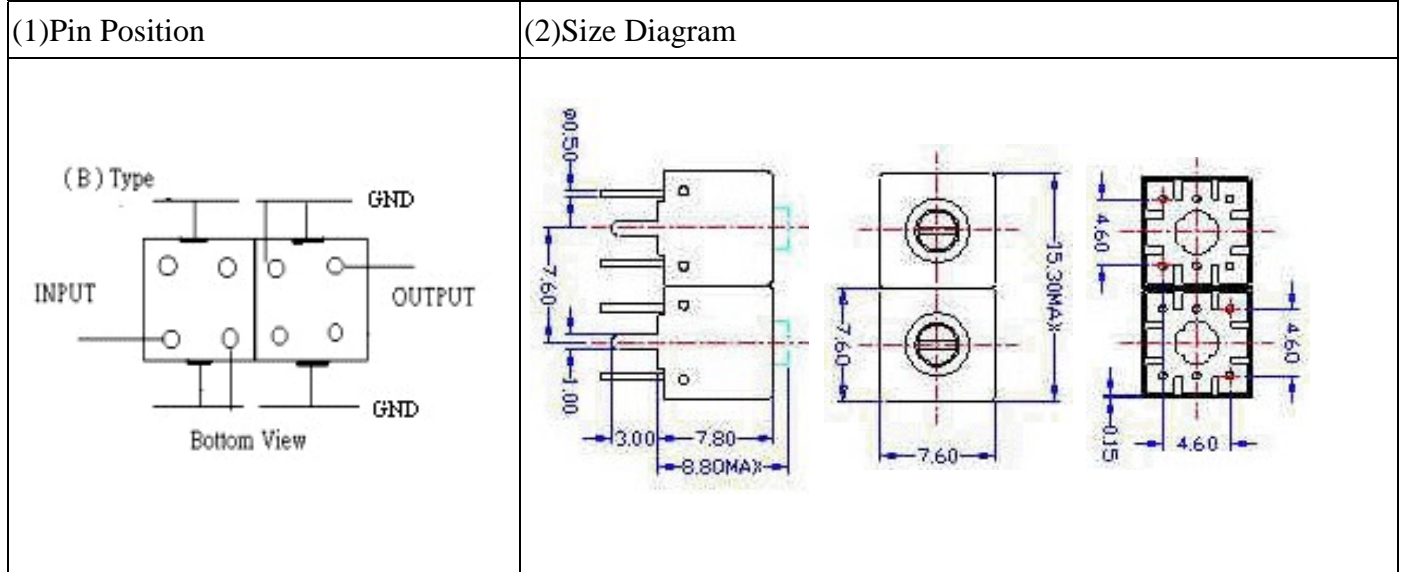


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2055B-375M
Approval No. /dated	20103073DC	Acceptable Specify Fo. Range	356~400MHz
Work Instruction No.	20103073DC	Date	2001.04.16



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	375 MHz	375 MHz	
Tunable Range	375±4 MHz	375±4 MHz	
Insertion Loss	Typ. 3.5 dB	2.6 dB	
-3 dB Bandwidth	Typ. 18 MHz	22 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 23 dBc	26 dBc
	Fo + 50 MHz	Typ. 19 dBc	22 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16.5 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

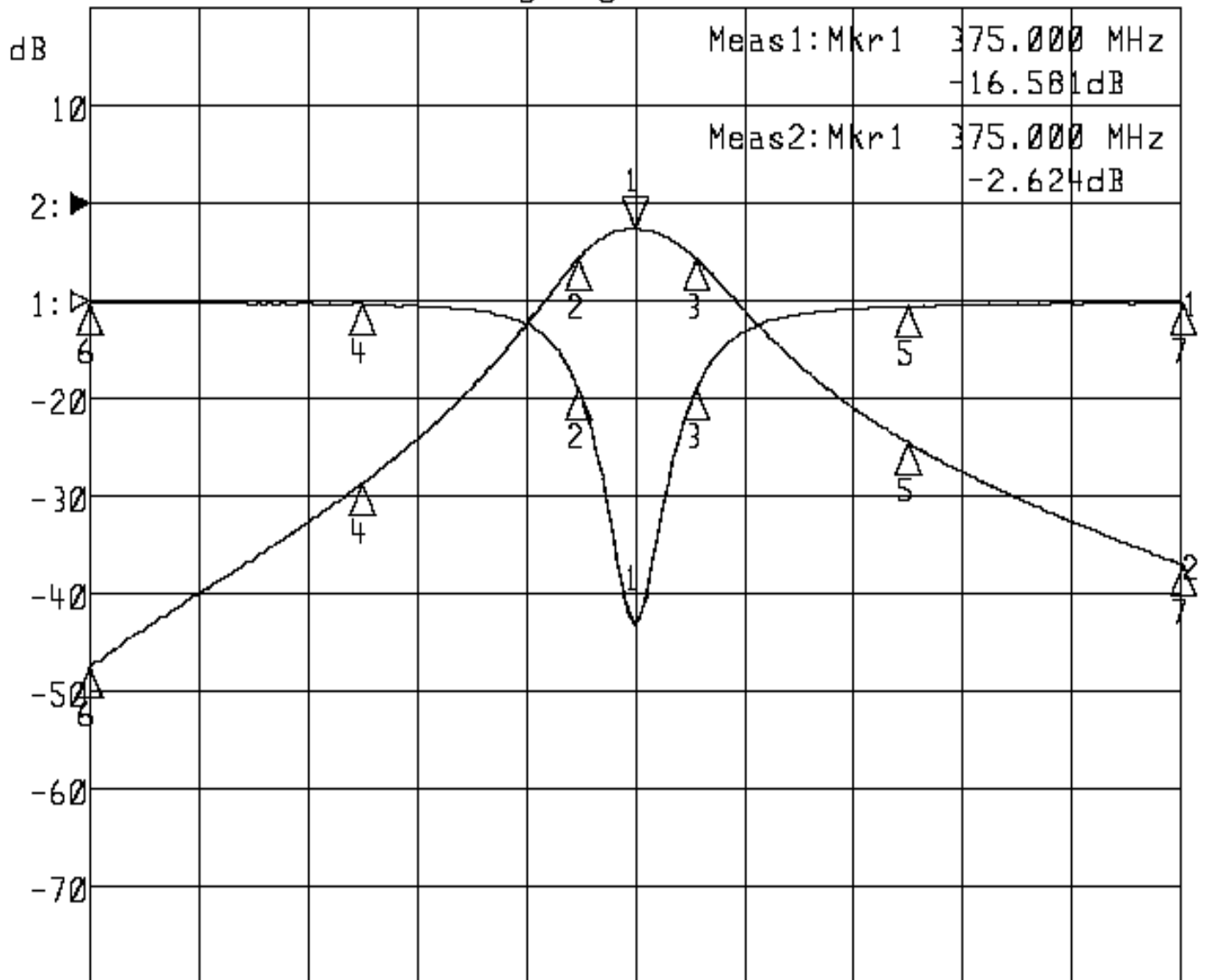
		> 1Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*3.5) 7S024RB5.5

TEMWELL CORPORATION

Performance-TDS2055B-375M

20103073DC

▷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 375.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 375.0000	-16.581	1> 375.0000	-2.624
2: 364.6000	-4.494	2: 364.6000	-5.668
3: 386.2000	-4.515	3: 386.2000	-5.645
4: 325.0000	-0.162	4: 325.0000	-28.674
5: 425.0000	-0.254	5: 425.0000	-24.456
6: 275.0000	-0.117	6: 275.0000	-47.378
7: 475.0000	-0.073	7: 475.0000	-37.011