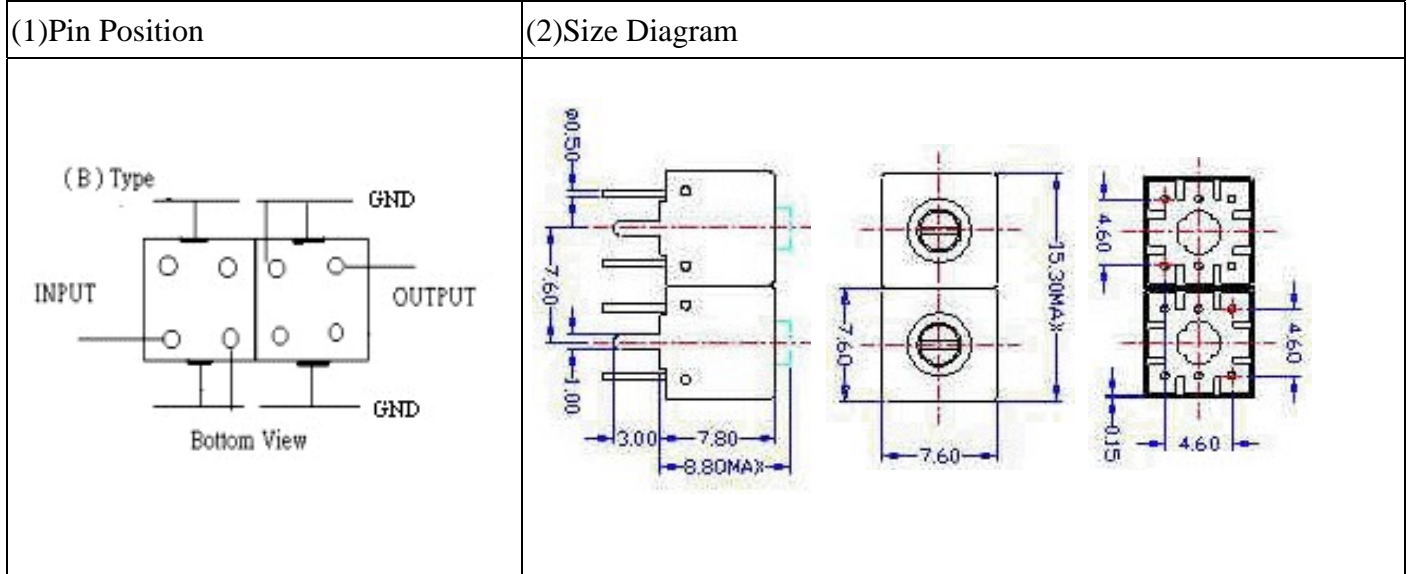


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2063B-434M
Approval No. /dated	20103052DC	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20103052DC	Date	2001.04.16



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	434 MHz	434 MHz	
Tunable Range	434±3 MHz	434±3 MHz	
Insertion Loss	Typ. 2.0 dB	1.1 dB	
-3 dB Bandwidth	Typ. 29 MHz	33 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 37 dBc	40 dBc
	Fo + 100 MHz	Typ. 25 dBc	28 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17.1 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

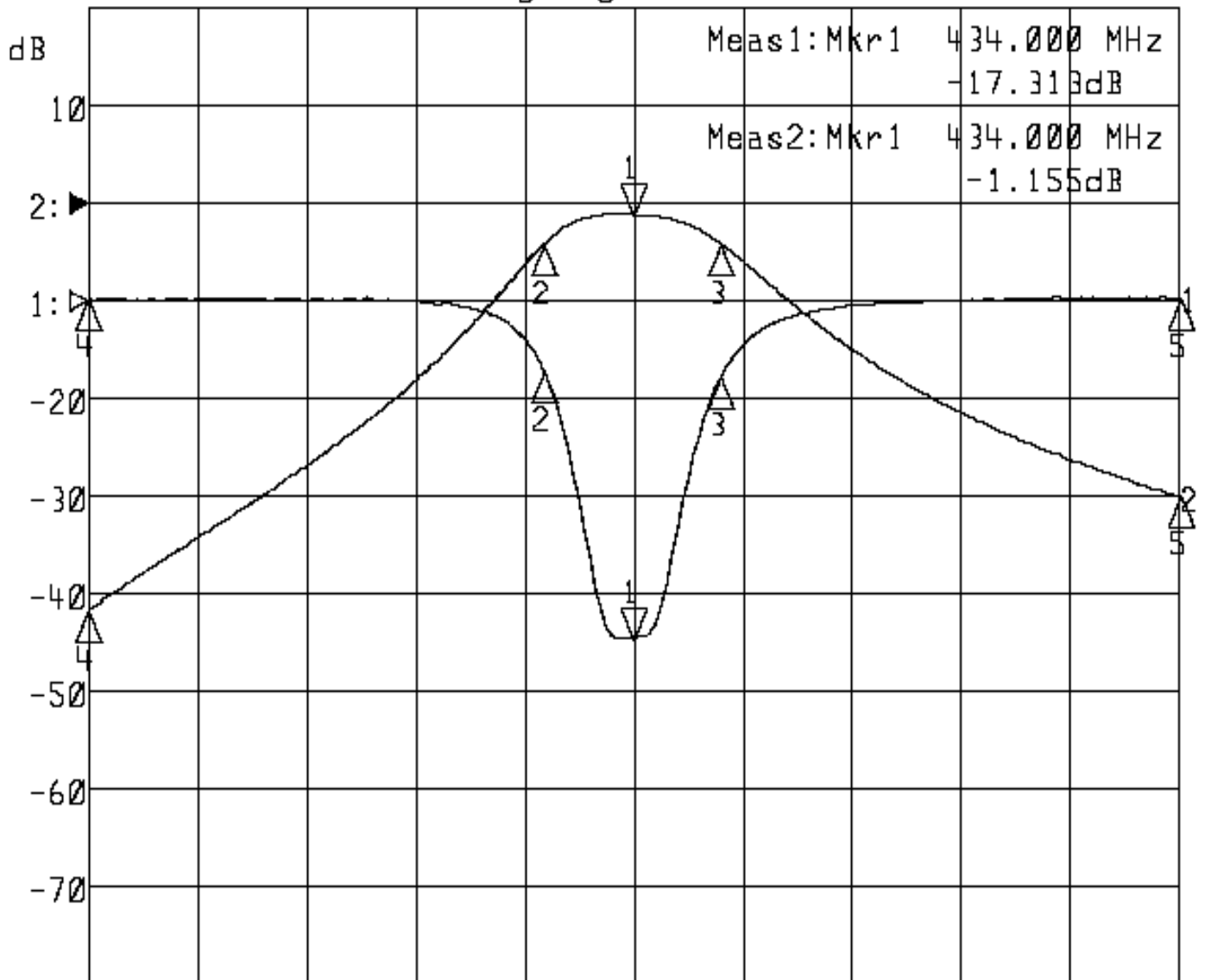
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*4.5) 7S024RB5.5

TEMWELL CORPORATION

Performance-TDS2063B-434M

20103052DC

▶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 434.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 434.0000	-17.313	1> 434.0000	-1.155
2: 417.5333	-3.569	2: 417.5333	-4.174
3: 450.0667	-3.841	3: 450.0667	-4.147
4: 334.0000	0.131	4: 334.0000	-41.629
5: 534.0000	0.180	5: 534.0000	-30.046