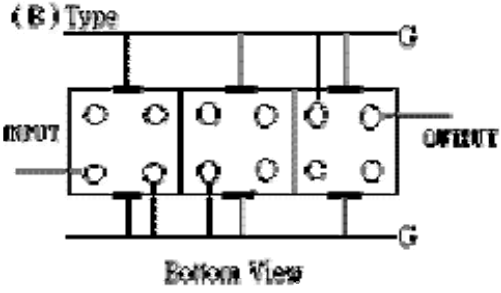
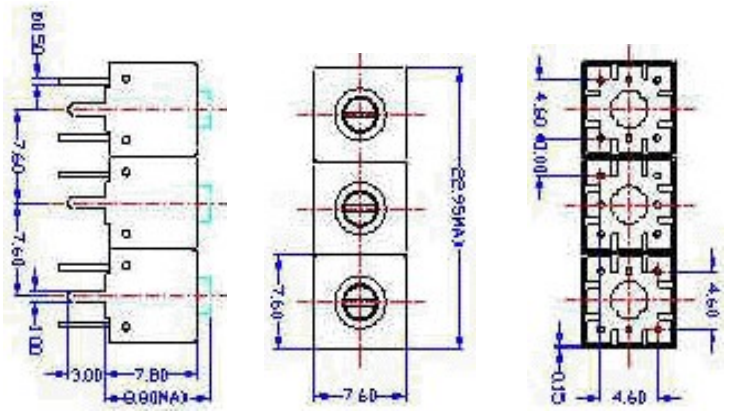


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3065B-440M
Approval No. /dated	20104015DB	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20202031B	Date	2002/2/18

(1) Pin Position	(2) Size Diagram
 <p>(B) Type Bottom View</p>	

(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	440 MHz	440 MHz	
Tunable Range	440±5 MHz	440±5 MHz	
Insertion Loss	Typ. 4.0 dB	3.0 dB	
-1 dB Bandwidth	Typ. 10 MHz	14 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 43 dBc	46 dBc
	Fo + 50 MHz	Typ. 34 dBc	37 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.8 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 > 1 Watt

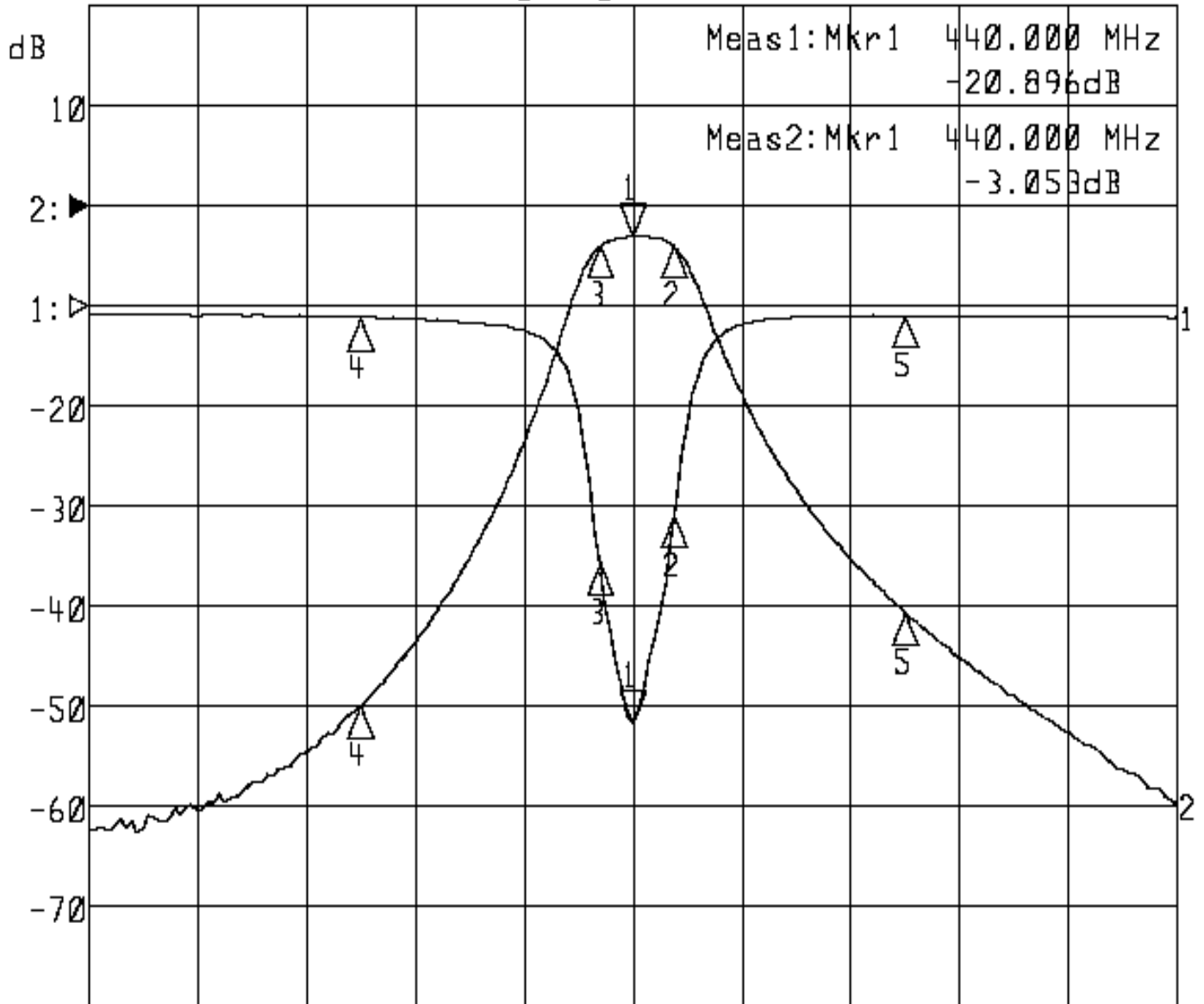
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S(4*3.5) 7S024RB5.5

TEMWELL CORPORATION

Performance-TTS3065B-440M

20202031B

▷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 440.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 440.0000	-20.896	1> 440.0000	-3.053
2: 447.6000	-10.450	2: 447.6000	-4.039
3: 433.8667	-12.899	3: 433.8667	-4.068
4: 390.0000	-0.595	4: 390.0000	-49.971
5: 490.0000	-0.561	5: 490.0000	-40.656