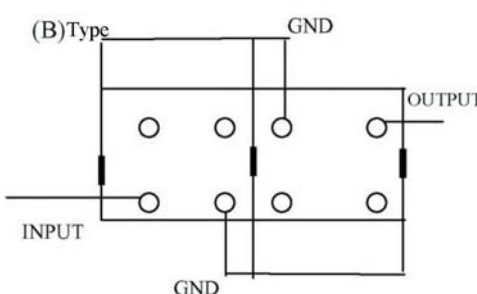
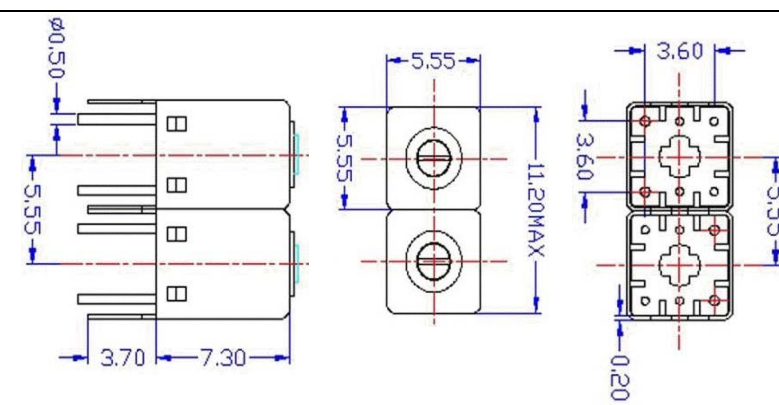


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2424B-434M
Approval No. /dated	20404005DC	Acceptable Specify Fo. Range	400~450MHz
Work Instruction No.	20404005DC	Date	Apr.02.2004

<p>(1) Pin Position</p>  <p style="text-align: center;">(Bottom View)</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	434 MHz	434 MHz	
Tunable Range:	434±10 MHz	434±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.5 dB	
-3 dB Bandwidth	Typ. 18 MHz	22.7 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 19 dBc	22 dBc
	Fo + 50 MHz	Typ. 22 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20 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	-30°C ~ +70°C
Storage Temperature	-30°C ~ +80°C

(6) Input Power > 0.5Watt

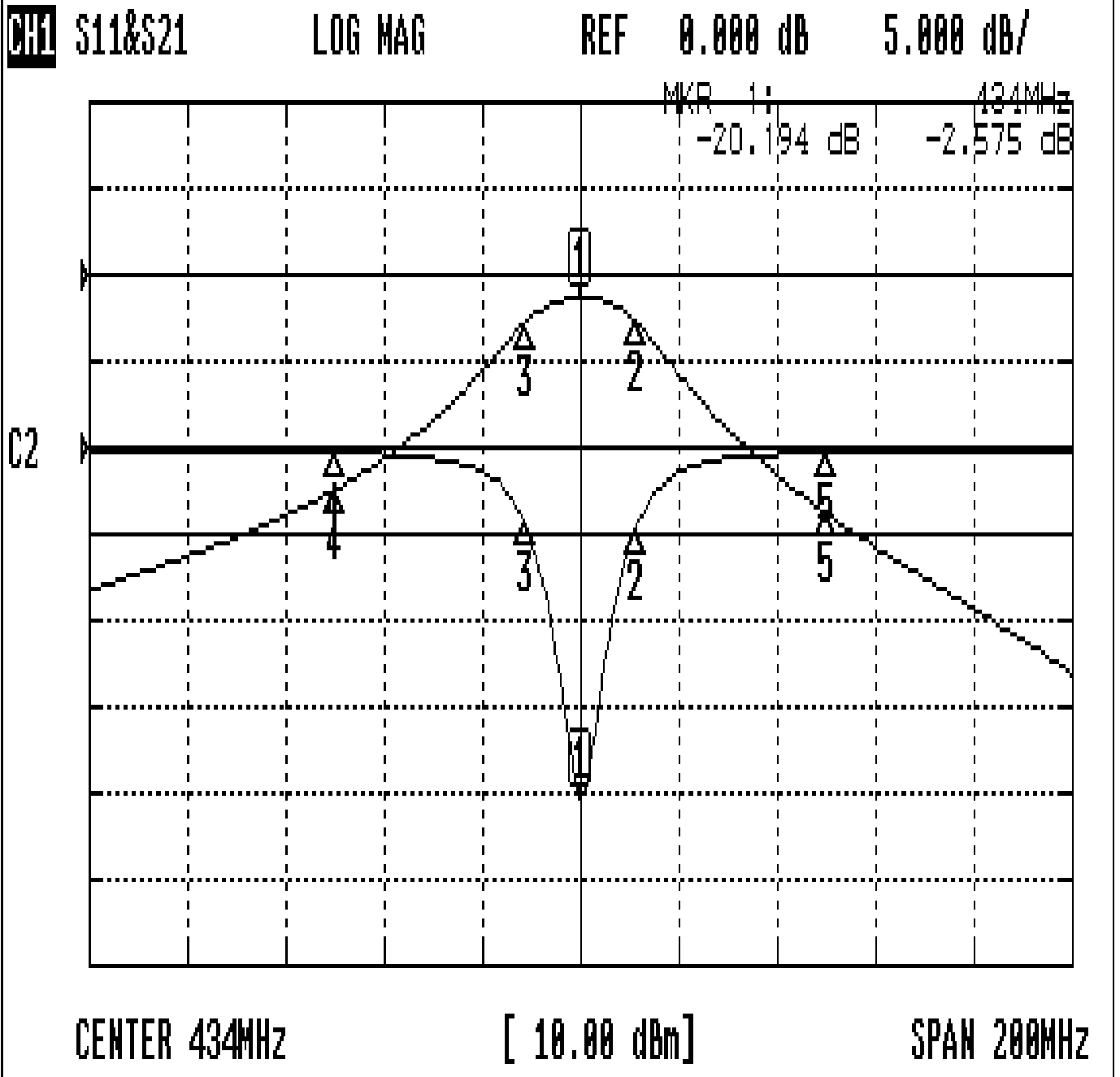
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Ching	5R2S(3.8*3.7)(3.79)

TEMWELL CORPORATION

RF Filter & Duplexer Manufacturer : TDR2424B-434M rvbw 0505

Performance-TDR2424B-434M

20404005DC



CH1 MARKER LIST

1:	434.000MHz	-20.194 dB	-2.575 dB
2:	445.333MHz	-4.661 dB	-5.524 dB
3:	422.666MHz	-4.366 dB	-5.595 dB
4:	384.000MHz	-0.293 dB	-24.806 dB
5:	484.000MHz	-0.317 dB	-27.623 dB