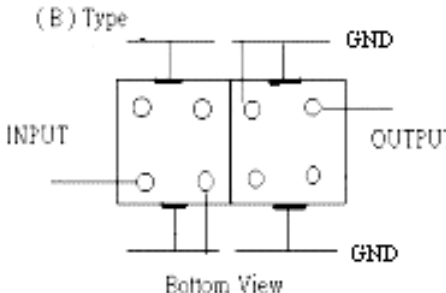
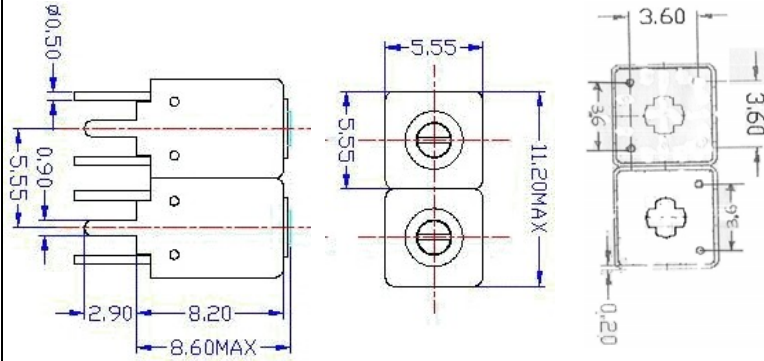


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2630B-435M
Approval No. /dated	20411112DC	Acceptable Specify Fo. Range	401~450MHz
Work Instruction No.	20411112DC	Date	Nov.17.2004

<p>(1) Pin Position</p> 	<p>(2) Size Diagram</p> 
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(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	435 MHz	435	MHz
Tunable Range:	435±5 MHz	435±5	MHz
Insertion Loss	Typ. 2.5 dB	1.35	dB
-3 dB Bandwidth	Typ. 33 MHz	37	MHz
Sensitivity (Attenuation)	Fo - 140 MHz	Typ. 27	dBc
	Fo + 140 MHz	Typ. 34	dBc
	Fo - ()MHz	Typ.	dBc
	Fo + ()MHz	Typ.	dBc
Return Loss	Min. 12 dB	20.2	dB
Ripple	< 1 dB		dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw	> 60gf • cm
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(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

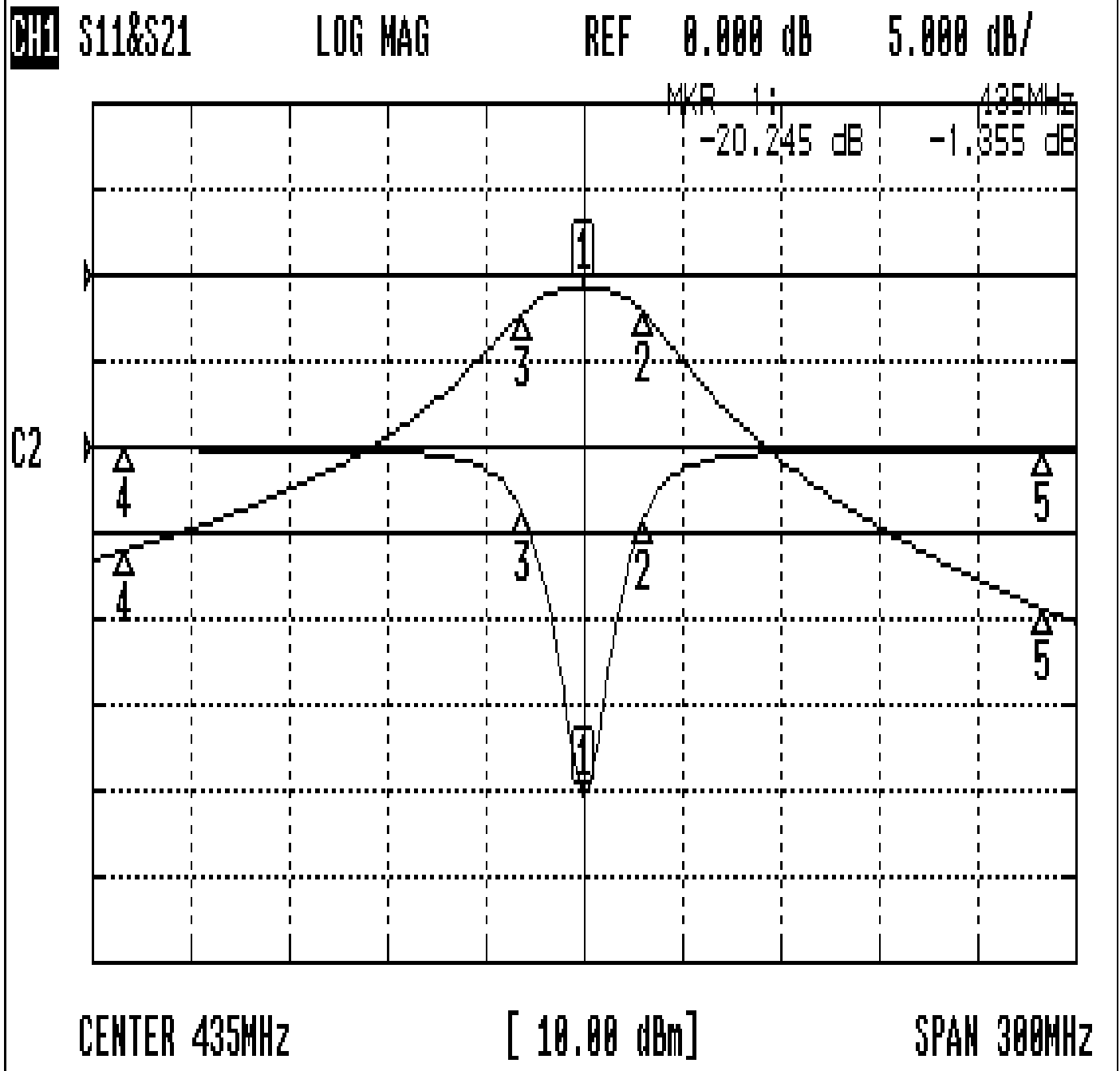
(6) Input Power	> 0.5Watt
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Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	5W2S(3.8*5.1)(5.16) 5HW024LB3

TEMWELL CORPORATION

Performance-TDW2630B-435M

2041112DC



CH1 MARKER LIST

1:	435.000MHz	-20.245 dB	-1.355 dB
2:	453.250MHz	-4.153 dB	-4.377 dB
3:	416.250MHz	-3.818 dB	-4.334 dB
4:	295.000MHz	-0.106 dB	-32.055 dB
5:	575.000MHz	-0.205 dB	-38.854 dB