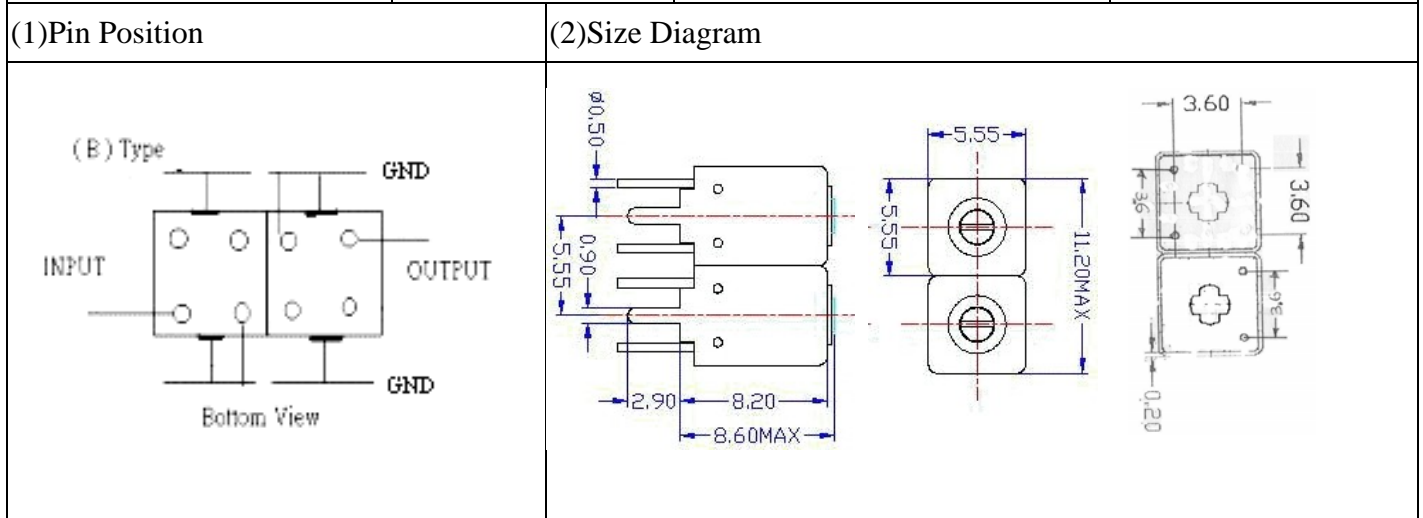


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2603B-2100M
Approval No. /dated	20406038DC	Acceptable Specify Fo. Range	2001~2150MHz
Work Instruction No.	20406038DC	Date	July.22.2004



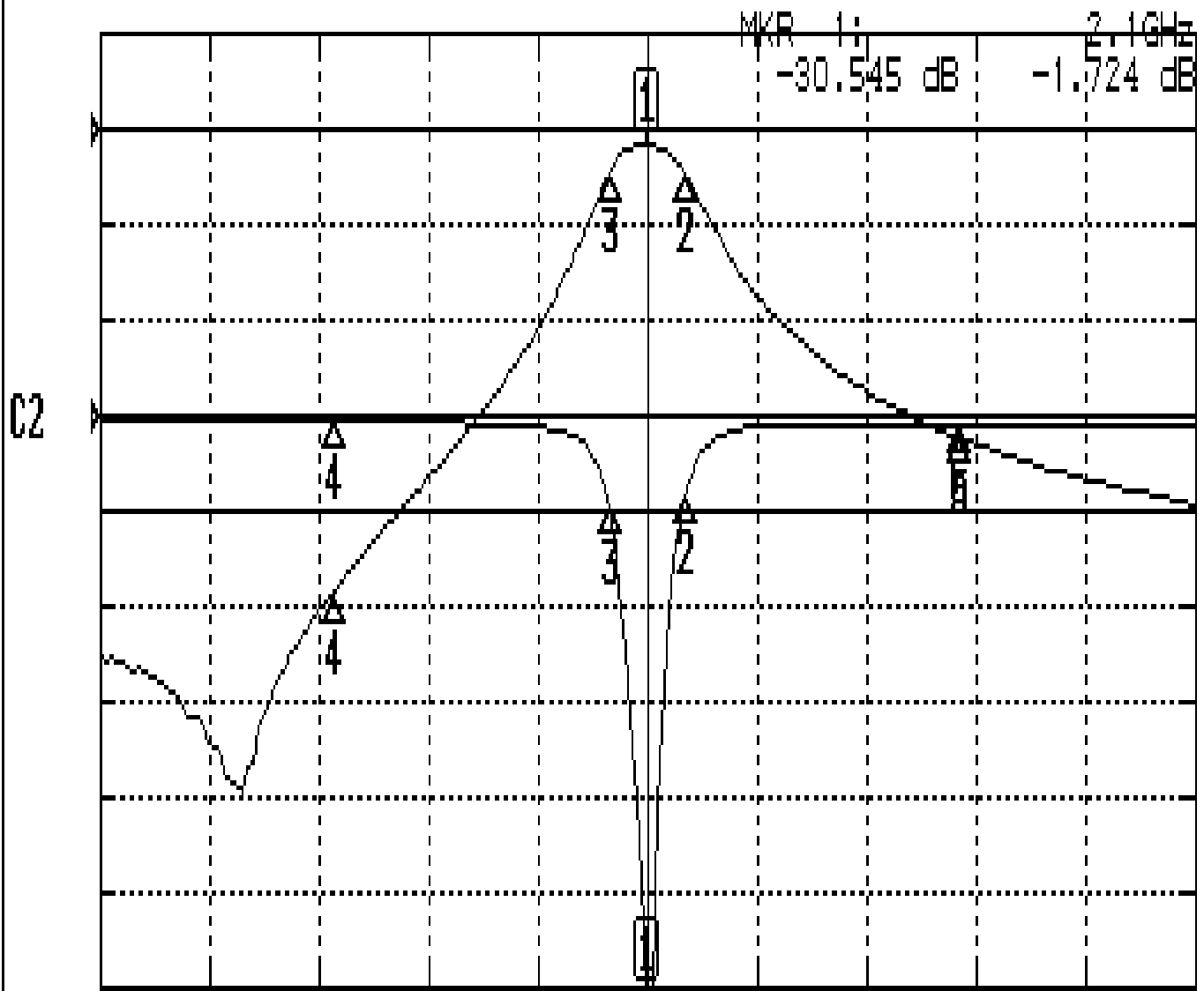
(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2100 MHz	2100 MHz	
Tunable Range:	2100±5 MHz	2100±5 MHz	
Insertion Loss	Typ. 3.0 dB	1.72 dB	
-3 dB Bandwidth	Typ. 87 MHz	98 MHz	
Sensitivity (Attenuation)	Fo - 400 MHz	Typ. 36 dBc	39 dBc
	Fo + 400 MHz	Typ. 27 dBc	30 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	31 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		0°C ~ +60°C	
Storage Temperature		-20°C ~ +70°C	
(6) Input Power		> 0.5Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5W2S(3.8*4.5)(4.57) 5HW046RB3.2

TEMWELL CORPORATION

Performance-TDW2603B-2100M

20406038DC

CH1 S11&S21 LOG MAG REF 0.000 dB 5.000 dB/



CENTER 2.1GHz

[10.00 dBm]

SPAN 1.4GHz

CH1 MARKER LIST

1:	2.100 000GHz	-30.545 dB	-1.724 dB
2:	2.149 000GHz	-4.130 dB	-4.734 dB
3:	2.051 000GHz	-4.676 dB	-4.655 dB
4:	1.700 000GHz	-0.300 dB	-48.303 dB
5:	2.500 000GHz	-0.413 dB	-32.356 dB