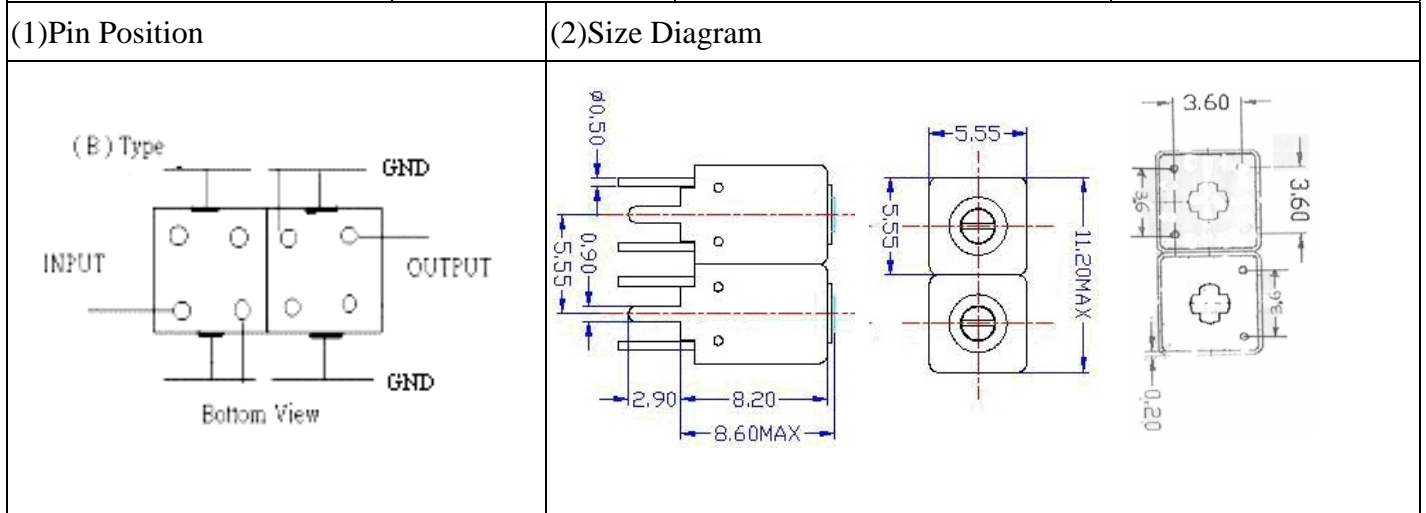


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2605B-2250M
Approval No. /dated	20406040DC	Acceptable Specify Fo. Range	2201~2250MHz
Work Instruction No.	20406040DC	Date	July.14.2004



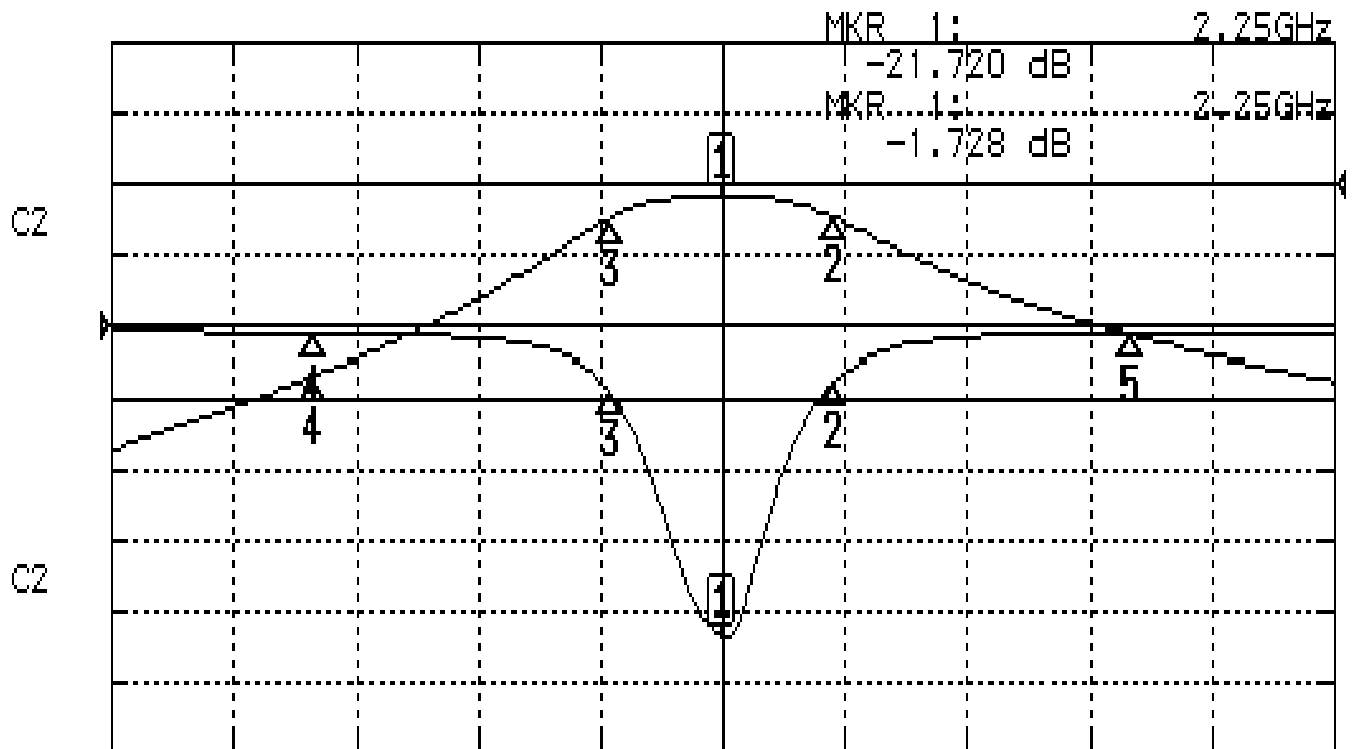
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		2250 MHz	2250 MHz
Tunable Range:		2250±5 MHz	2250±5 MHz
Insertion Loss		Typ. 3.0 dB	1.73 dB
-3 dB Bandwidth		Typ. 95 MHz	110 MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 22 dBc	25 dBc
	Fo + 200 MHz	Typ. 16 dBc	19 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	21.7 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 ~ +70°C	
Storage Temperature		-20°C ~ +80°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)(4.56) 5HW046RB3.2

TEMWELL CORPORATION

Performance-TDW2605B-2250M

20406040DC

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 2.25GHz

[10.00 dBm]

SPAN 600MHz

CH1 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	2.250 000	-21.720
2	2.305 000	-3.814
3	2.195 000	-4.552
4	2.050 000	-0.509
5	2.450 000	-0.519

CH2 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	2.250 000	-1.732
2	2.305 000	-4.714
3	2.195 000	-4.755
4	2.050 000	-26.746
5	2.450 000	-21.250