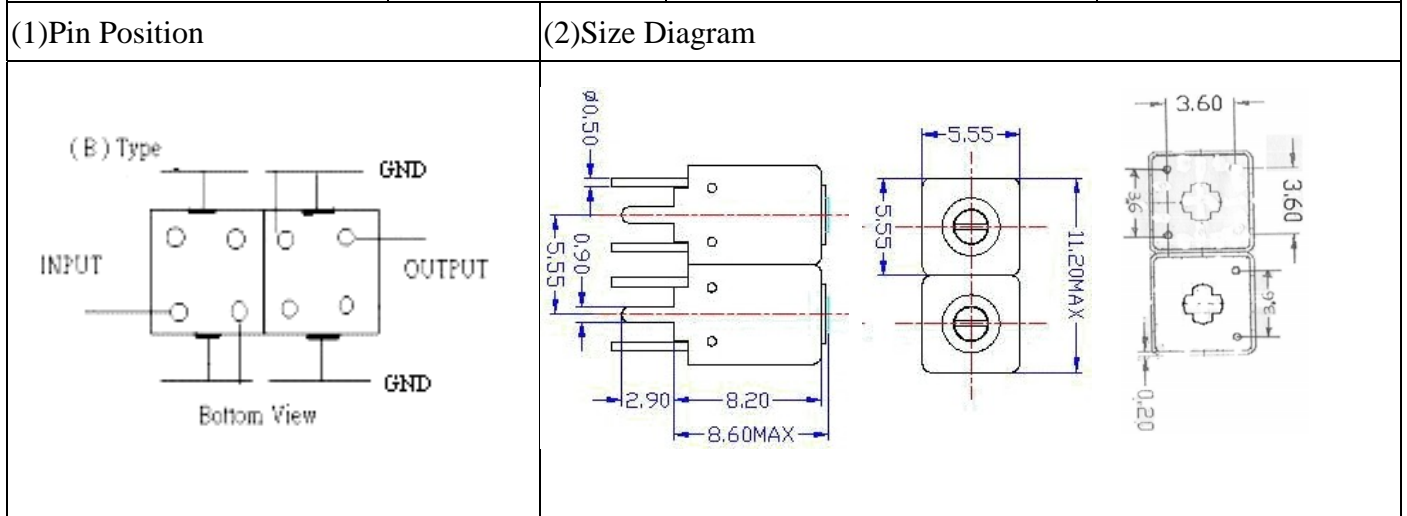


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2593B-1060M
Approval No. /dated	20111068DC	Acceptable Specify Fo. Range	1051~1100MHz
Work Instruction No.	20111068DC	Date	Nov.29.2001



(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1060 MHz	1060 MHz	
Tunable Range:	1060±10 MHz	1060±10 MHz	
Insertion Loss	Typ. 4.5 dB	3.14 dB	
-3 dB Bandwidth	Typ. 30 MHz	35.7 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 32 dBc	35 dBc
	Fo + 100 MHz	Typ. 21 dBc	24 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16 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

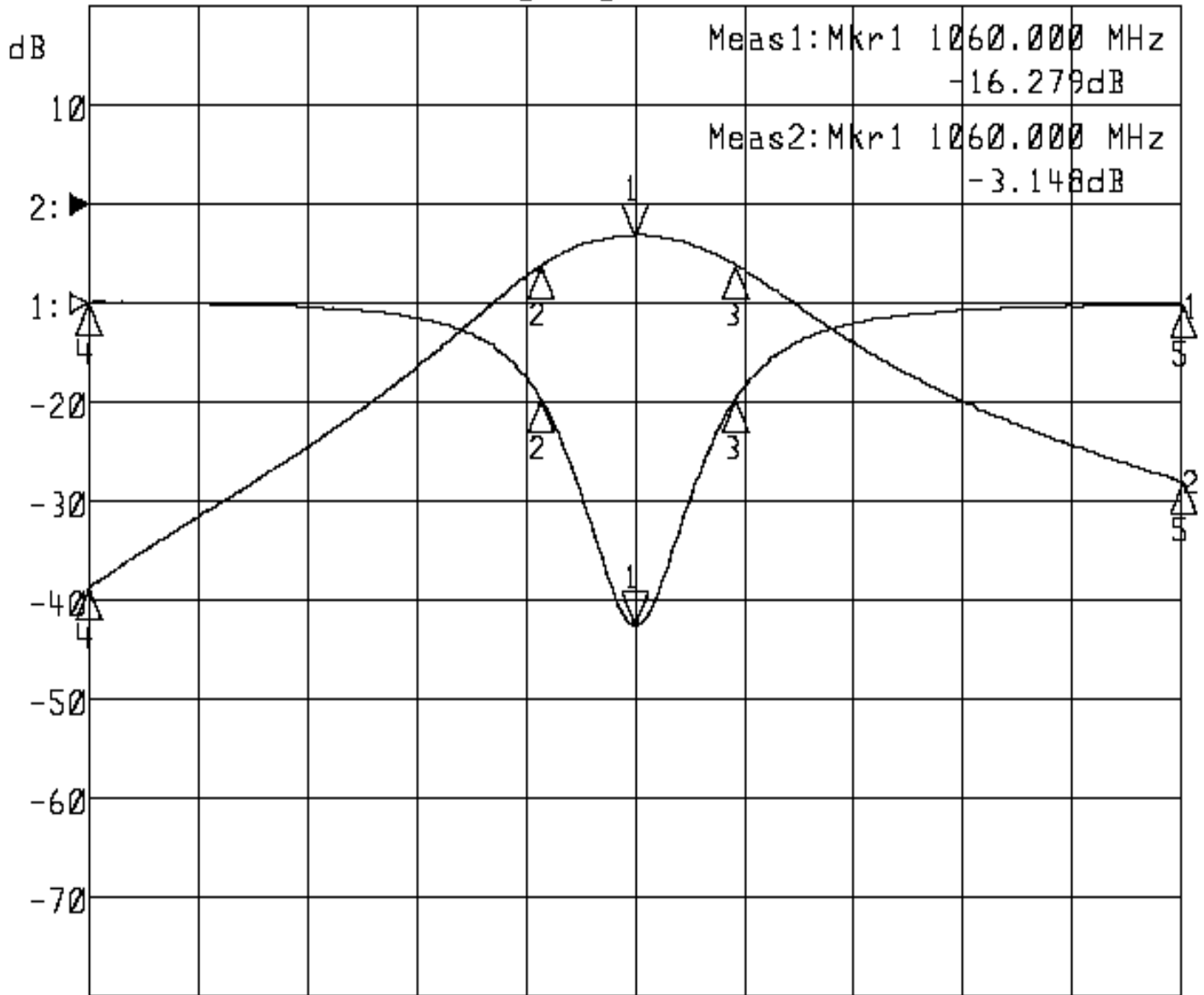
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Enlan	5W2S(3.8*4.2) 5HW024RB3

TEMWELL CORPORATION

Performance-TDW2593B-1060M

20111068DC

▷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 1 060.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1060.0000	-16.279	1> 1060.0000	-3.148
2: 1042.8667	-4.848	2: 1042.8667	-6.140
3: 1078.5333	-4.825	3: 1078.5333	-6.130
4: 960.0000	0.012	4: 960.0000	-38.813
5: 1160.0000	-0.117	5: 1160.0000	-27.965