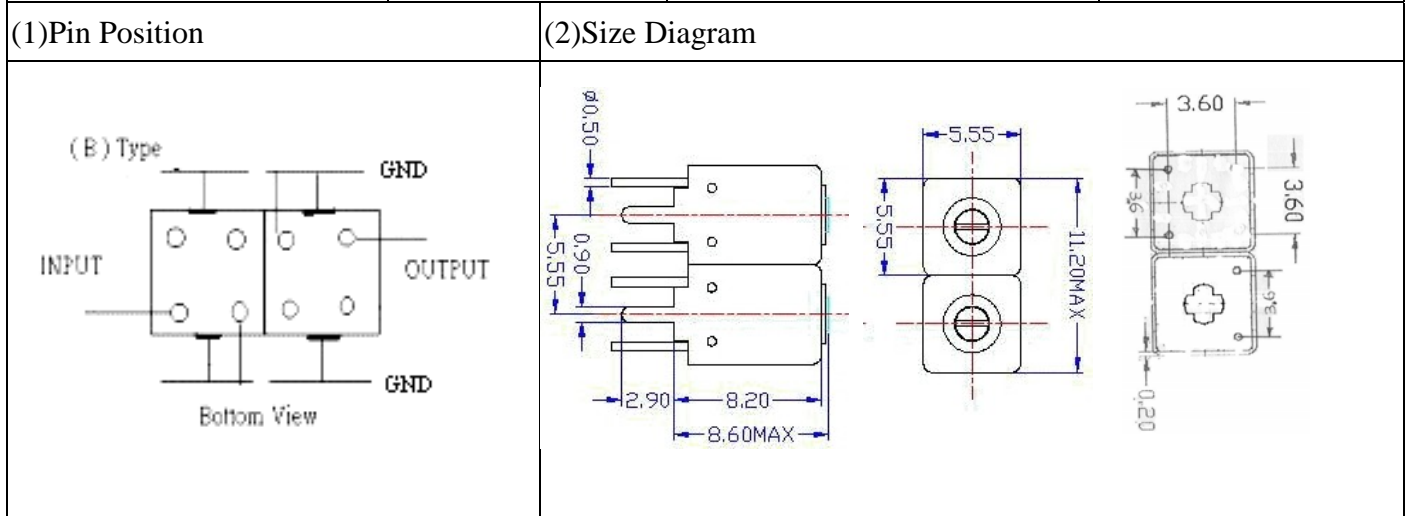


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2591B-1025M
Approval No. /dated	20111064DC	Acceptable Specify Fo. Range	1001~1050MHz
Work Instruction No.	20111064DC	Date	Nov.28.2001



(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1025 MHz	1025 MHz	
Tunable Range:	1025±10 MHz	1025±10 MHz	
Insertion Loss	Typ. 5.0 dB	4.0 dB	
-3 dB Bandwidth	Typ. 14 MHz	29.1 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 18 dBc	21 dBc
	Fo + 50 MHz	Typ. 13 dBc	16 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	29.5 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

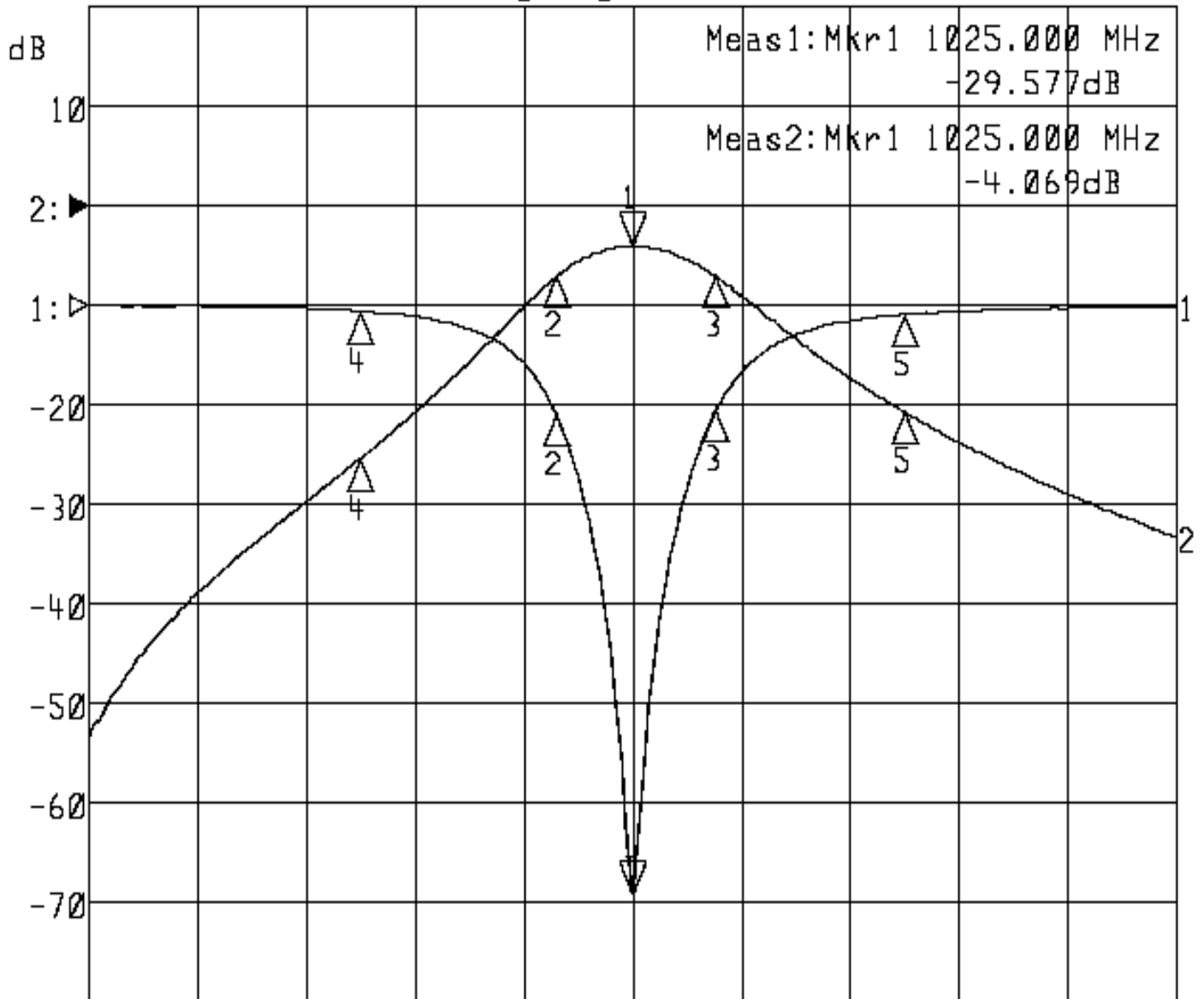
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Enlan	5W2S(3.8*4.2) 5HW024RB3

TEMWELL CORPORATION

Performance-TDW2591B-1025M

20111064DC

▷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 1 025.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1025.0000	-29.577	1> 1025.0000	-4.069
2: 1011.1333	-5.549	2: 1011.1333	-7.072
3: 1040.2667	-5.299	3: 1040.2667	-7.074
4: 975.0000	-0.336	4: 975.0000	-25.389
5: 1075.0000	-0.467	5: 1075.0000	-20.740