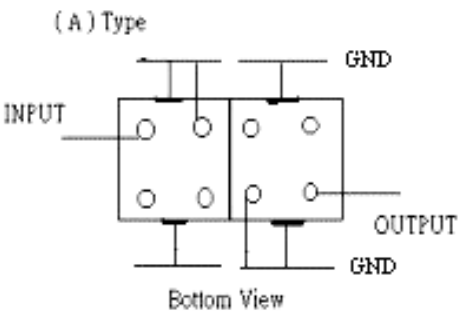
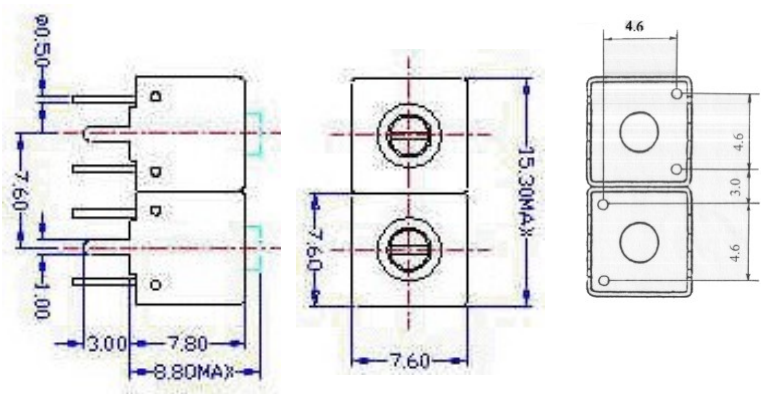


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2241A-1075M
Approval No. /dated	20110039DC	Acceptable Specify Fo. Range	1001~1100MHz
Work Instruction No.	20110039DC	Date	2001.10.19

<p>(1) Pin Position</p>  <p>(A) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1075 MHz	1075 MHz	
Tunable Range	1075±5 MHz	1075±5 MHz	
Insertion Loss	Typ. 3.0 dB	2.2 dB	
-3 dB Bandwidth	Typ. 66 MHz	71 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 23 dBc	26 dBc
	Fo + 100 MHz	Typ. 17 dBc	20 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 100gf · cm		

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power

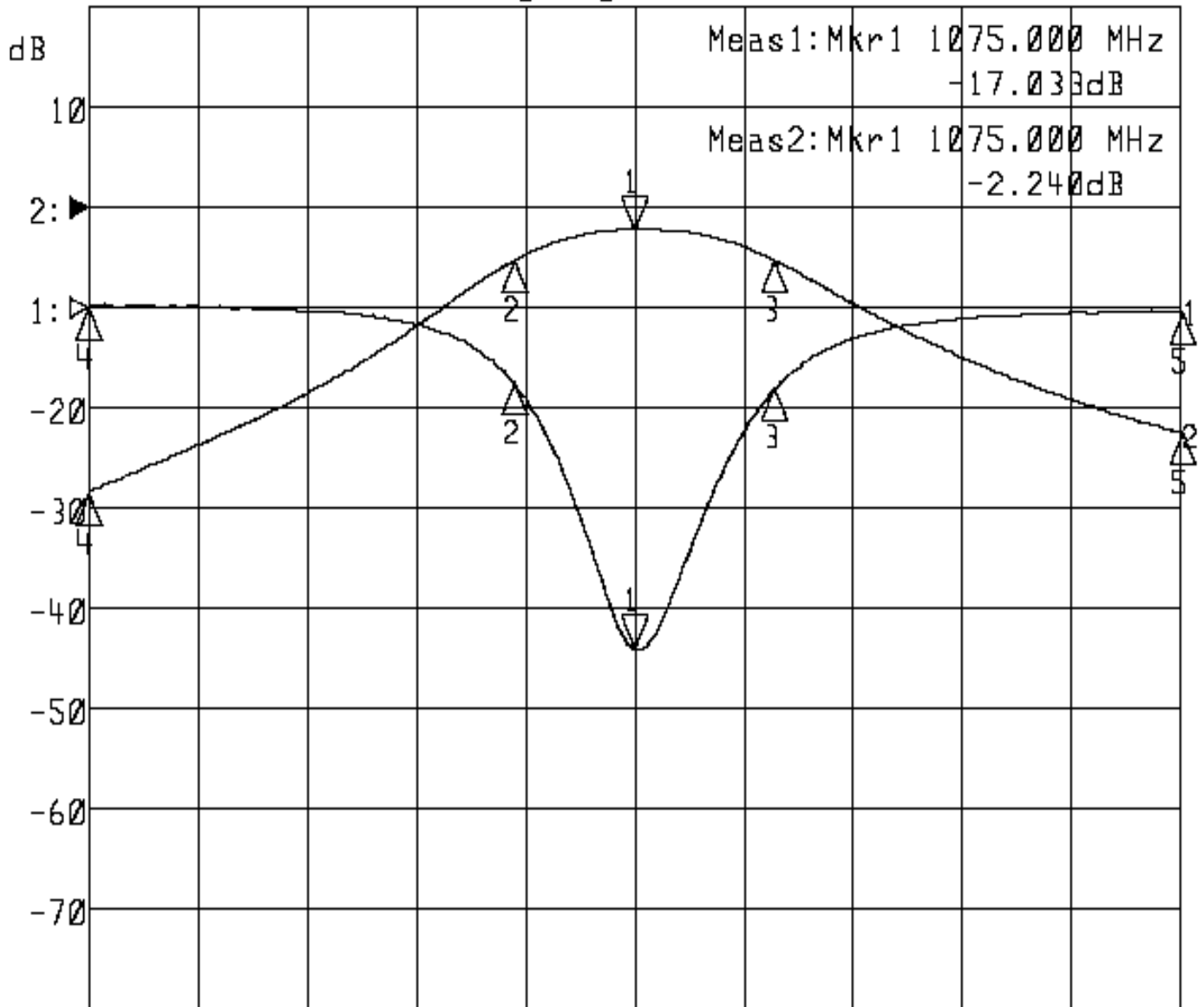
			> 1Watt
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TDS2241A-1075M

20110039DC

►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 1 075.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1075.0000	-17.033	1> 1075.0000	-2.240
2: 1042.0000	-3.788	2: 1042.0000	-5.278
3: 1113.6000	-4.054	3: 1113.6000	-5.285
4: 925.0000	0.049	4: 925.0000	-28.385
5: 1225.0000	-0.202	5: 1225.0000	-22.510