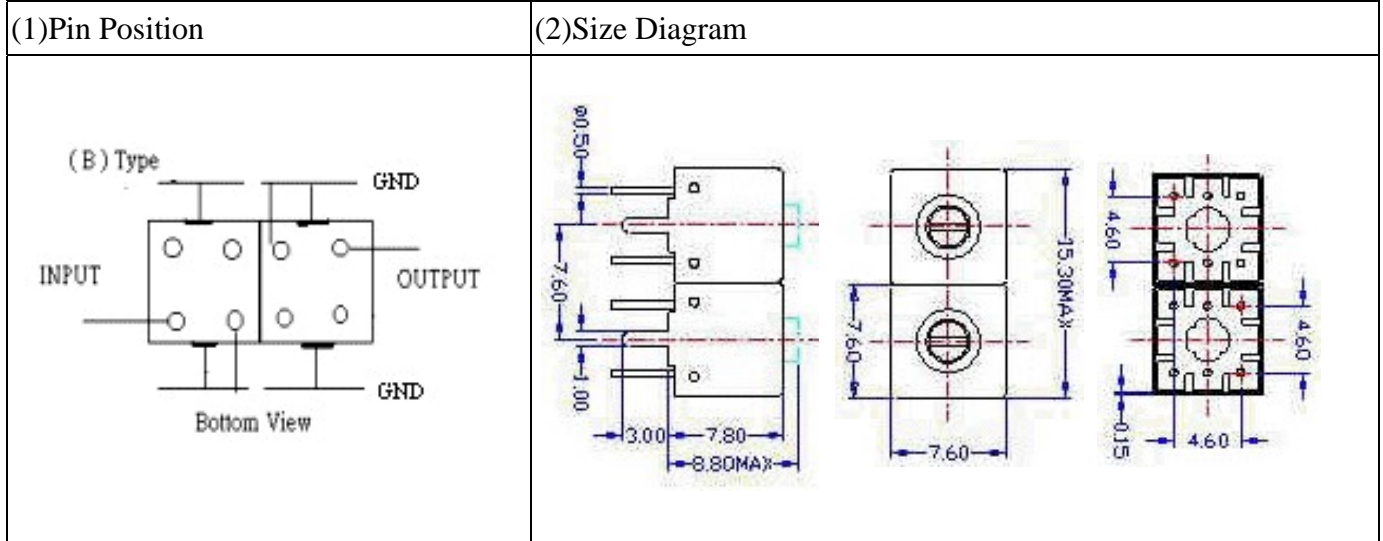


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2006B-215M
Approval No. /dated	20107030DC	Acceptable Specify Fo. Range	196~220MHz
Work Instruction No.	20107030DC	Date	2001.07.16



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	215 MHz	215 MHz	
Tunable Range	215±4 MHz	215±4 MHz	
Insertion Loss	Typ. 2.5 dB	1.6 dB	
-3 dB Bandwidth	Typ. 22 MHz	24 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 20 dBc	23 dBc
	Fo + 50 MHz	Typ. 22 dBc	25 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) 7S00LB6

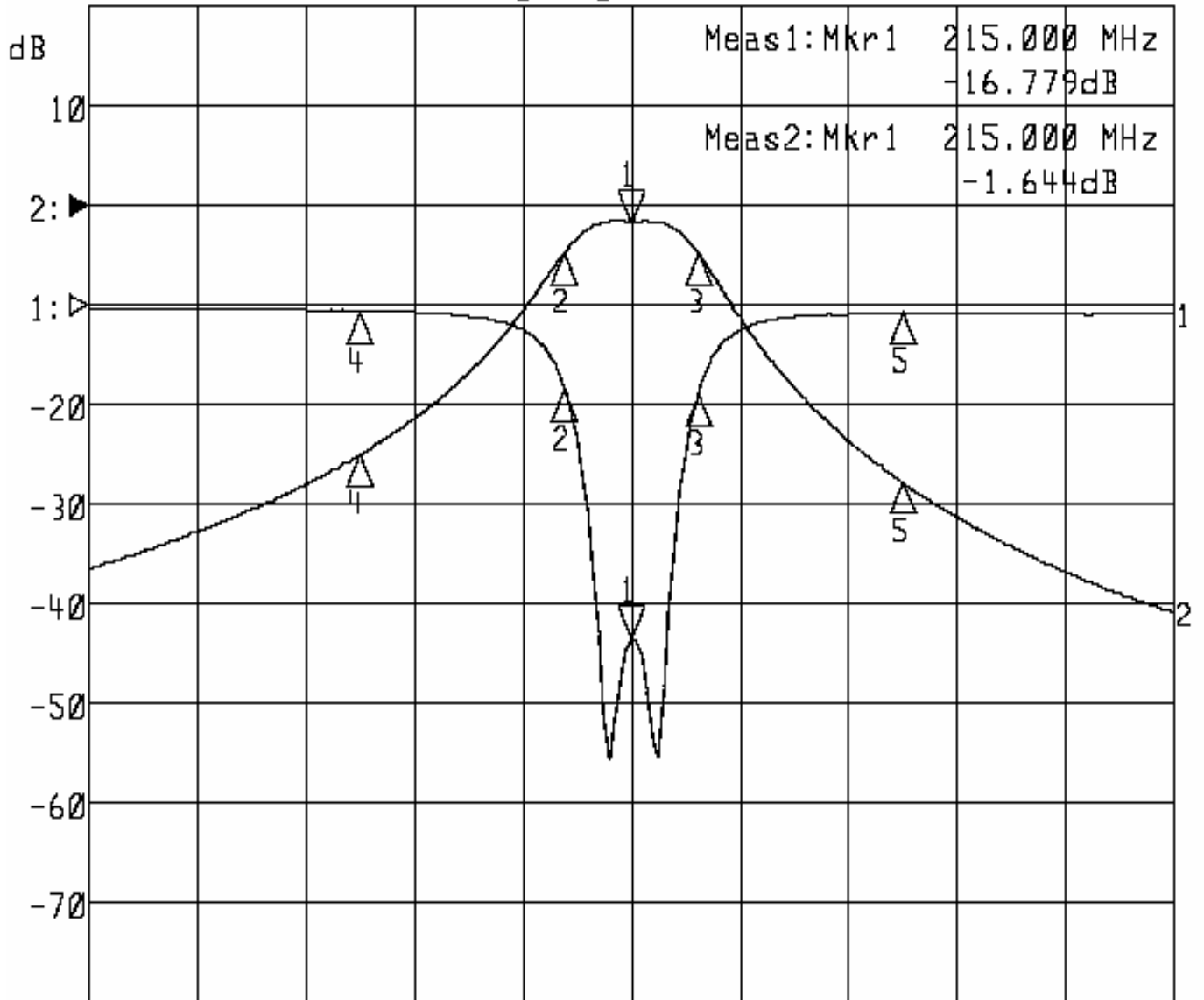
TEMWELL CORPORATION

Performance- TDS2006B-215M

20107030DC

▶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



Meas1: Mkr1 215.000 MHz
 -16.779dB

Meas2: Mkr1 215.000 MHz
 -1.644dB

Center 215.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 215.0000	-16.779	1> 215.0000	-1.644
2: 202.8000	-4.210	2: 202.8000	-4.671
3: 227.2667	-4.520	3: 227.2667	-4.659
4: 165.0000	-0.331	4: 165.0000	-25.031
5: 265.0000	-0.424	5: 265.0000	-27.815