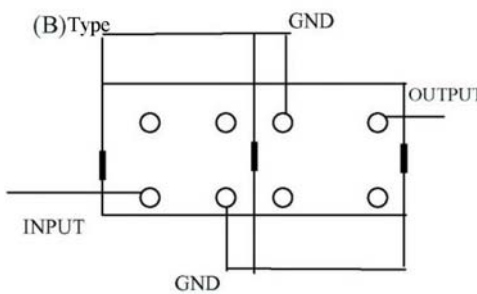
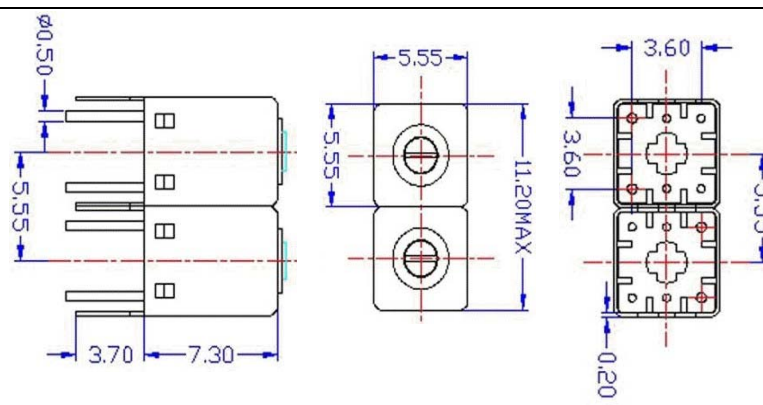


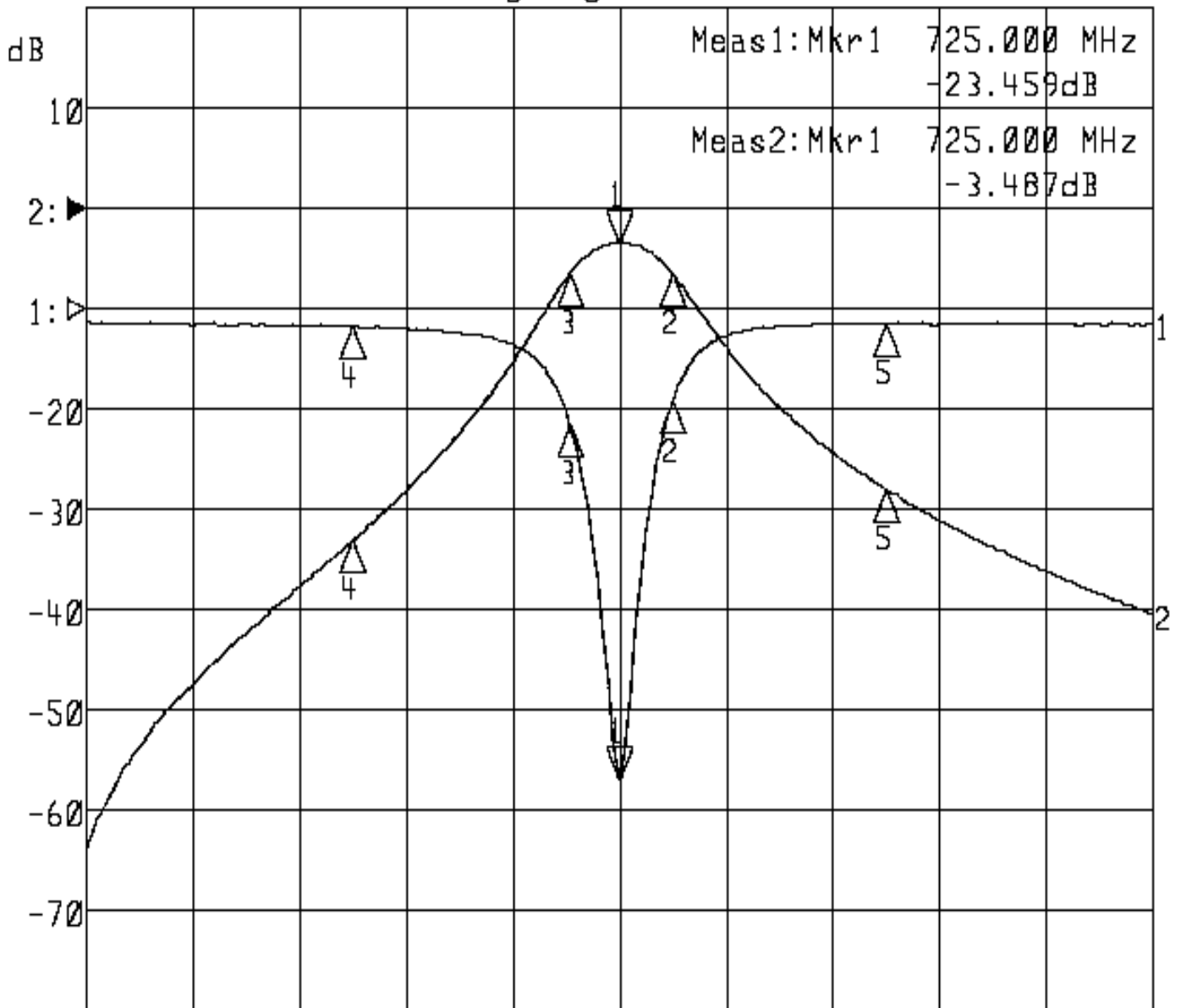
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2692B-725M
Approval No. /dated	20204053DC	Acceptable Specify Fo. Range	700~750MHz
Work Instruction No.	20204053DC	Date	Aug.01.2002
(1)Pin Position		(2)Size Diagram	
 <p>(Bottom View)</p>			
(3)Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	725 MHz	725 MHz	
Tunable Range:	725±10 MHz	725±10 MHz	
Insertion Loss	Typ. 4.0 dB	3.4 dB	
-3 dB Bandwidth	Typ. 12 MHz	19.2 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 27 dBc	30 dBc
	Fo + 50 MHz	Typ. 22 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	23 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		-30°C ~ +70°C	
Storage Temperature		-30°C ~ +80°C	
(6)Input Power		> 0.5Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*3.7)
TEMWELL CORPORATION			

Performance-TDR2692B-725M

20204053DC

▶1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
▶2:S12 Rev Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 725.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 725.0000	-23.459	1> 725.0000	-3.487
2: 734.9333	-4.598	2: 734.9333	-6.459
3: 715.7333	-5.752	3: 715.7333	-6.444
4: 675.0000	-0.849	4: 675.0000	-33.089
5: 775.0000	-0.748	5: 775.0000	-27.984