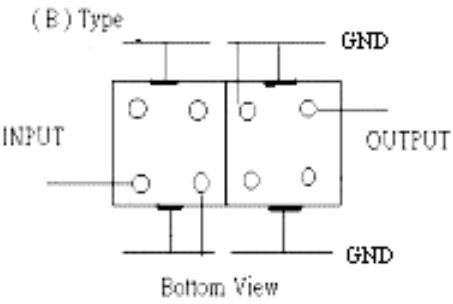
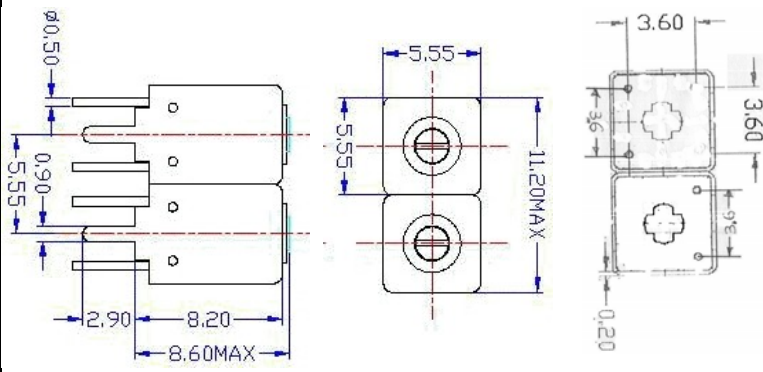


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2482B-680M
Approval No. /dated	20111038DC	Acceptable Specify Fo. Range	651~700MHz
Work Instruction No.	20111038DC	Date	Nov.14.2001

(1)Pin Position	(2)Size Diagram
 <p>(B) Type INPUT OUTPUT GND GND Bottom View</p>	 <p>Dimensions: $\phi 0.50$, 0.90, 5.55, 2.90, 8.20, 8.60MAX, 5.55, 5.55, 1.20MAX, 3.60, 3.60, 0.20</p>

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	680 MHz	680 MHz	
Tunable Range:	680±5 MHz	680±5 MHz	
Insertion Loss	Typ. 3.0 dB	2.14 dB	
-3 dB Bandwidth	Typ. 24 MHz	30.2 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 20 dBc	23 dBc
	Fo +50 MHz	Typ. 15 dBc	18 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	28.7 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
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Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	Enlan	5W2S(3.8*4.2) 5HW024RB3

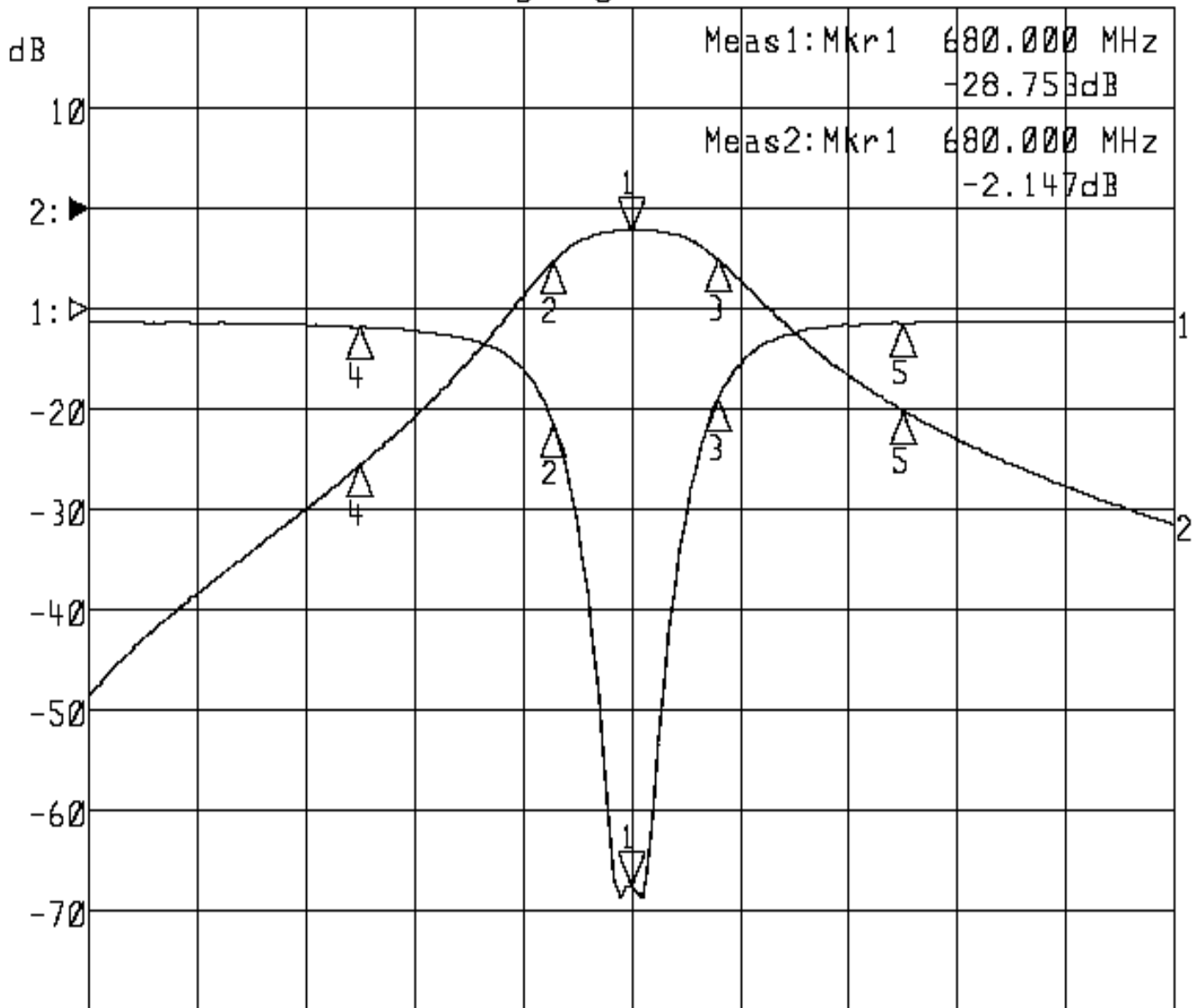
TEMWELL CORPORATION

Performance-TDW2482B-680M

20111038DC

▶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 680.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 680.0000	-28.753	1> 680.0000	-2.147
2: 665.8000	-5.790	2: 665.8000	-5.161
3: 696.0000	-4.459	3: 696.0000	-5.115
4: 630.0000	-0.909	4: 630.0000	-25.610
5: 730.0000	-0.716	5: 730.0000	-20.131