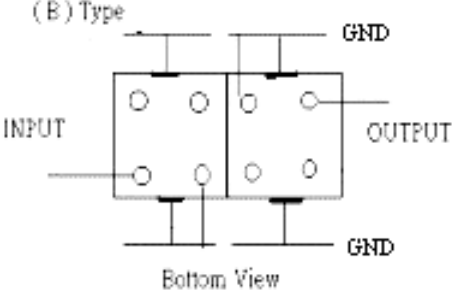
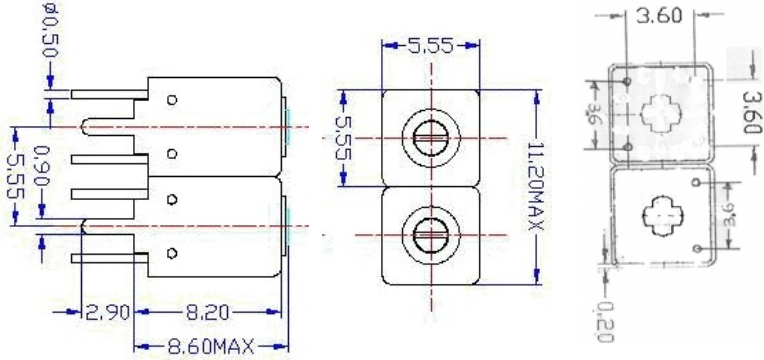


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2492B-730M
Approval No. /dated	20111042DC	Acceptable Specify Fo. Range	751~800MHz
Work Instruction No.	20111042DC	Date	Nov.15.2001

(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, 11.20MAX, 3.60, 3.60, 9.8, 0.20</p>

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	730 MHz	730 MHz	
Tunable Range:	730±5 MHz	730±5 MHz	
Insertion Loss	Typ. 3.0 dB	2.01 dB	
-3 dB Bandwidth	Typ. 27 MHz	34 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 17 dBc	20 dBc
	Fo + 50 MHz	Typ. 12 dBc	15 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	23.7 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4)Torque for Tuning Screw	> 60gf • cm
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(5)Temperature Condition:

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

(6)Input Power	> 0.5Watt
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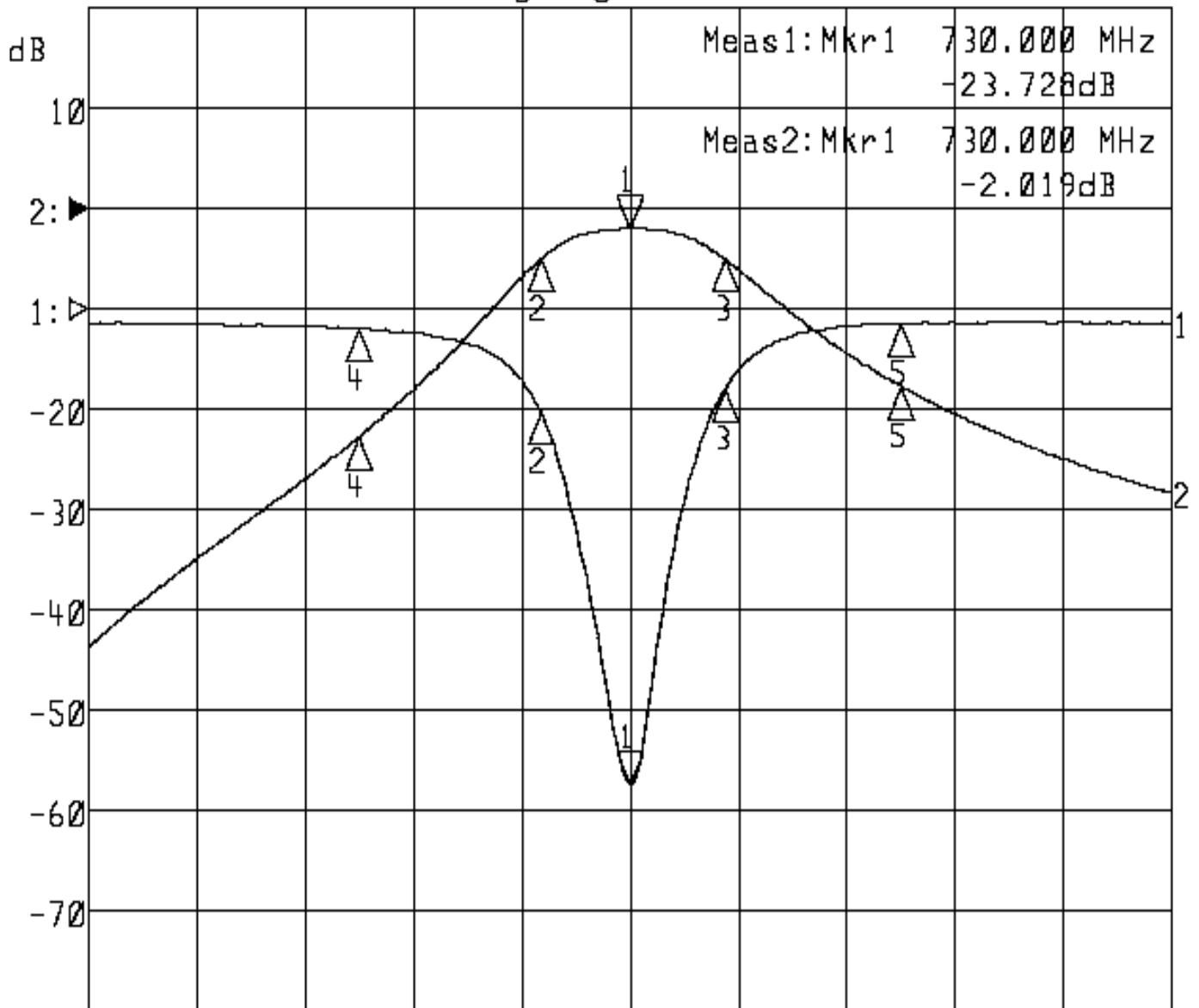
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W2S(3.8*4.2) 5HW024RB3

TEMWELL CORPORATION

Performance-TDW2492B-730M

20111042DC

▶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 730.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 730.0000	-23.728	1> 730.0000	-2.019
2: 713.5333	-5.115	2: 713.5333	-5.036
3: 747.5333	-3.992	3: 747.5333	-4.986
4: 680.0000	-1.019	4: 680.0000	-22.759
5: 780.0000	-0.725	5: 780.0000	-17.658