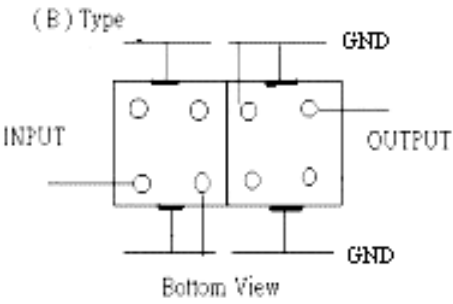
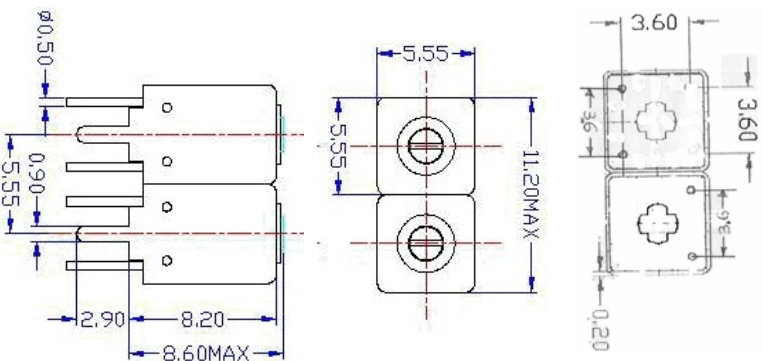


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2493B-730M
Approval No. /dated	20111155DC	Acceptable Specify Fo. Range	751~800MHz
Work Instruction No.	20111155DC	Date	Jan.16.2001

(1)Pin Position	(2)Size Diagram
 <p style="text-align: center;">(B) Type Bottom View</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. 2.5 dB	1.85 dB
-3 dB Bandwidth	Typ. 32 MHz	39.6 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 33 dBc
	Fo + 100 MHz	Typ. 19 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	19.5 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

Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W2S(3.8*4.7) 5HW024RB3

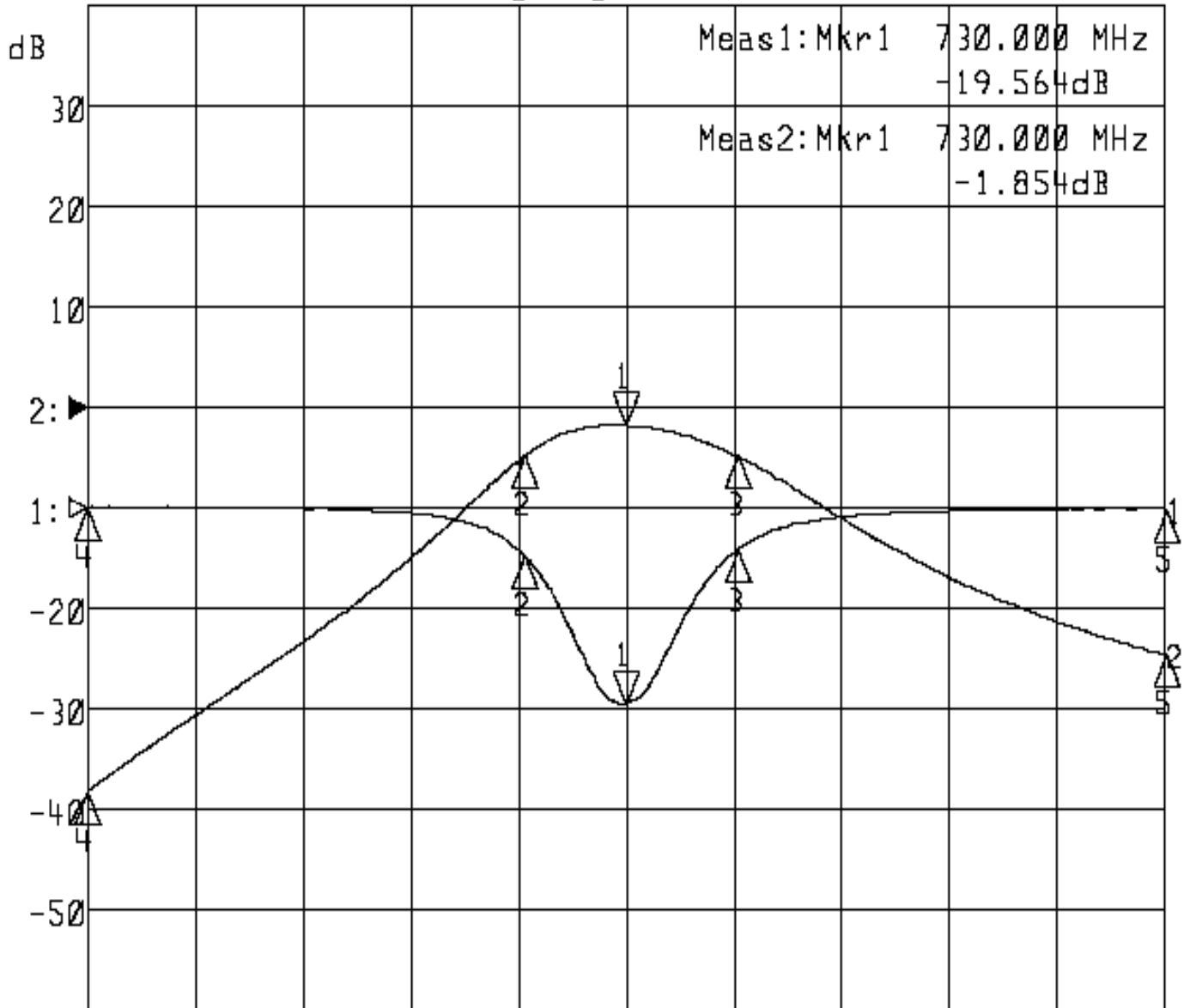
TEMWELL CORPORATION

Performance-TDW2493B-730M

2011155DC

▶1:S11 Refl Port1 Log Mag 10.0 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	-19.564	1> 730.0000	-1.854
2: 711.0667	-4.719	2: 711.0667	-4.851
3: 750.6667	-4.146	3: 750.6667	-4.866
4: 630.0000	0.079	4: 630.0000	-38.191
5: 830.0000	-0.129	5: 830.0000	-24.612