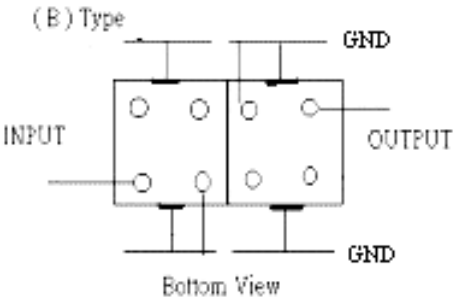
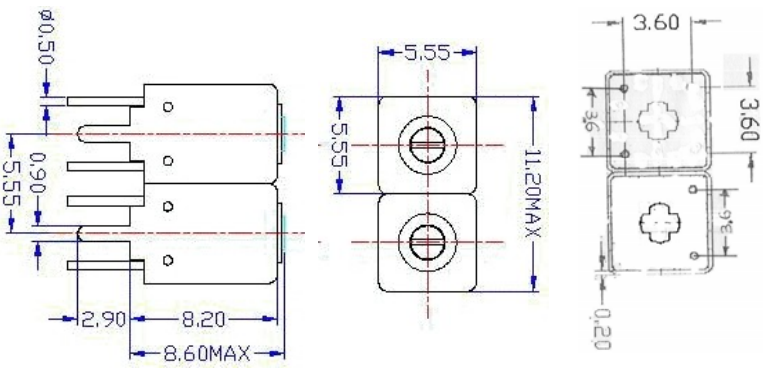


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2504B-775M
Approval No. /dated	20111157DC	Acceptable Specify Fo. Range	751~800MHz
Work Instruction No.	20111157DC	Date	Jan.15.2002

<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	775 MHz	775 MHz
Tunable Range:	775±3 MHz	775±3 MHz
Insertion Loss	Typ. 2.0 dB	1.48 dB
-3 dB Bandwidth	Typ. 32 MHz	40 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 30 dBc
	Fo + 100 MHz	Typ. 18 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	26.5 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*4.7) 5HW024RB3

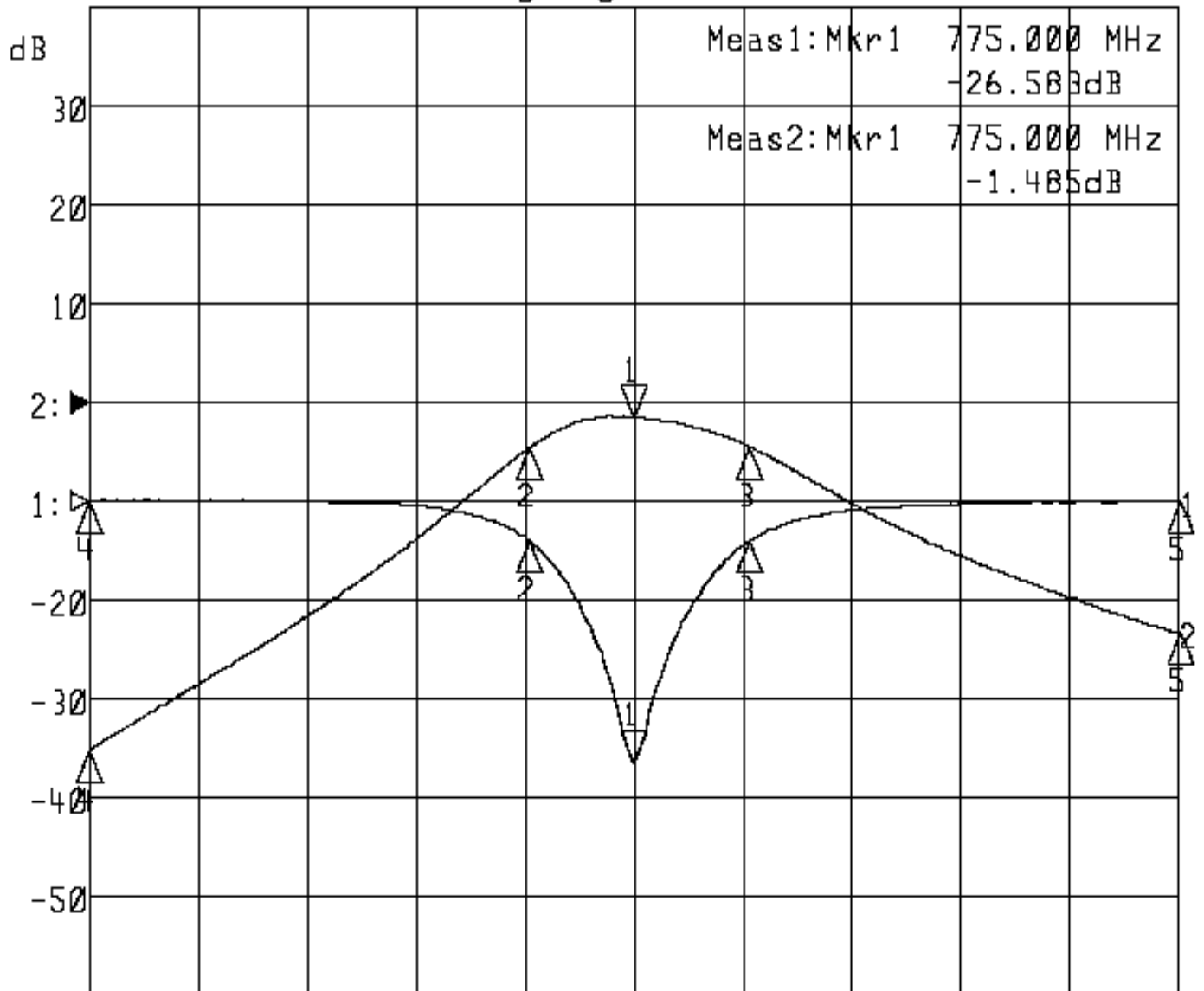
TEMWELL CORPORATION

Performance-TDW2504B-775M

2011157DC

▶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 775.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 775.0000	-26.583	1> 775.0000	-1.485
2: 756.0000	-4.075	2: 756.0000	-4.516
3: 796.0667	-4.031	3: 796.0667	-4.437
4: 675.0000	0.080	4: 675.0000	-35.203
5: 875.0000	-0.015	5: 875.0000	-23.336