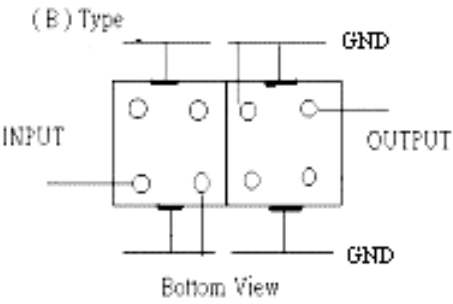
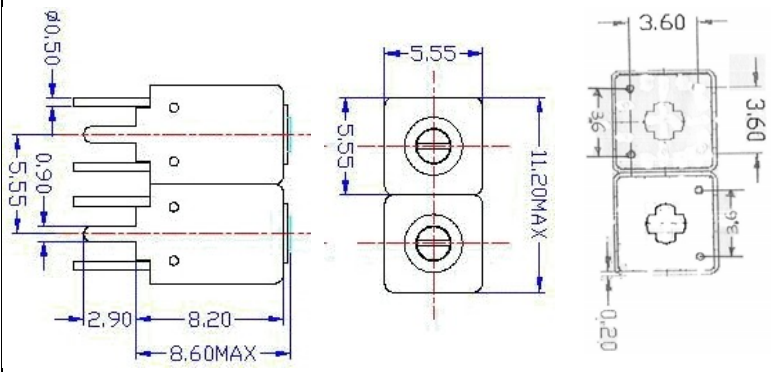


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2541B-1765M
Approval No. /dated	20204031DC	Acceptable Specify Fo. Range	1751~1800MHz
Work Instruction No.	20204031DC	Date	Apr.17.2002

(1)Pin Position	(2)Size Diagram
 <p>(B) Type INPUT OUTPUT GND GND Bottom View</p>	 <p>Dimensions: 1.50, 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 %	1765 MHz	1765 MHz
Tunable Range:	1765±5 MHz	1765±5 MHz
Insertion Loss	Typ. 5.0 dB	4.23 dB
-3 dB Bandwidth	Typ. 54 MHz	63.4 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 15 dBc 18 dBc
	Fo + 100 MHz	Typ. 12 dBc 15 dBc
	Fo - ()MHz	Typ. dBc dBc
	Fo +()MHz	Typ. dBc dBc
Return Loss	Min. 12 dB	20.5 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

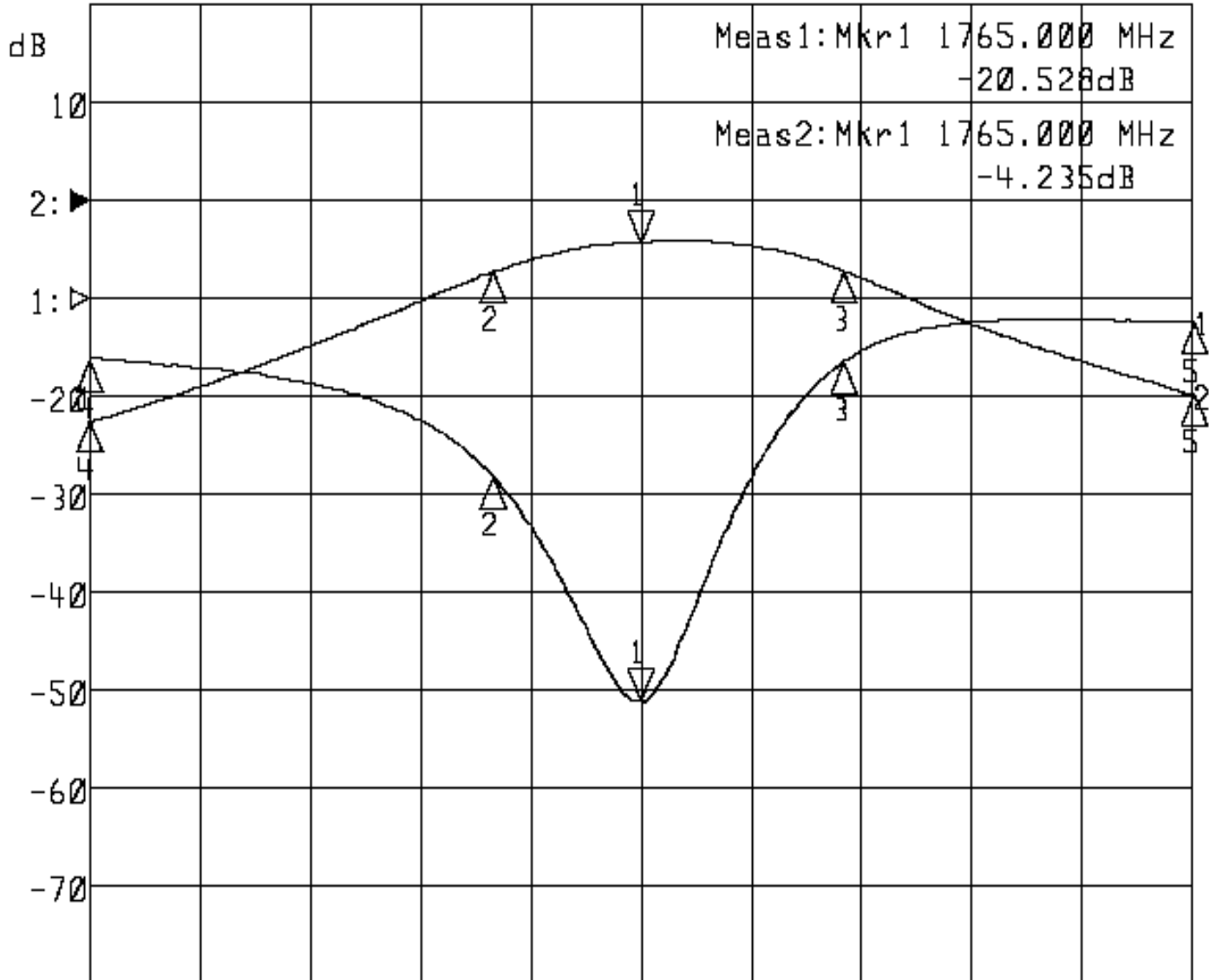
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W2S(3.8*4.7) 5HW024RB3

TEMWELL CORPORATION

Performance-TDW2541B-1765M

20204031DC

►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 1 765.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1765.0000	-20.528	1> 1765.0000	-4.235
2: 1738.4000	-9.109	2: 1738.4000	-7.237
3: 1801.8000	-3.236	3: 1801.8000	-7.212
4: 1665.0000	-3.067	4: 1665.0000	-22.621
5: 1865.0000	-1.229	5: 1865.0000	-19.773