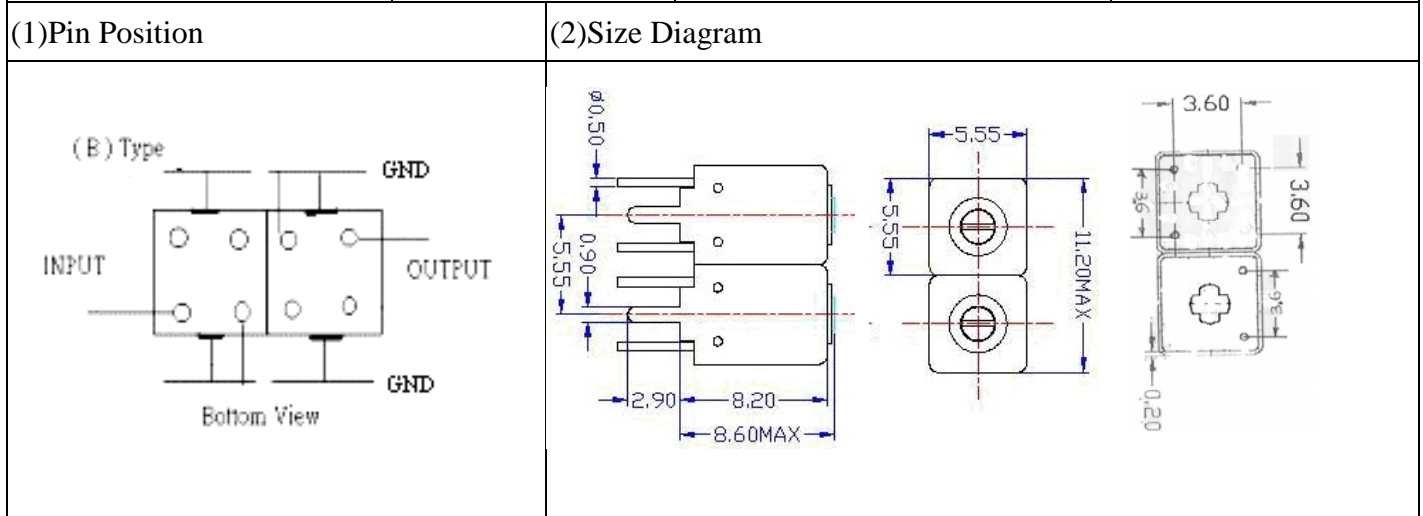


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2554B-1265.6M
Approval No. /dated	20112038DC	Acceptable Specify Fo. Range	1251~1300MHz
Work Instruction No.	20112038DC	Date	Dec.14.2001

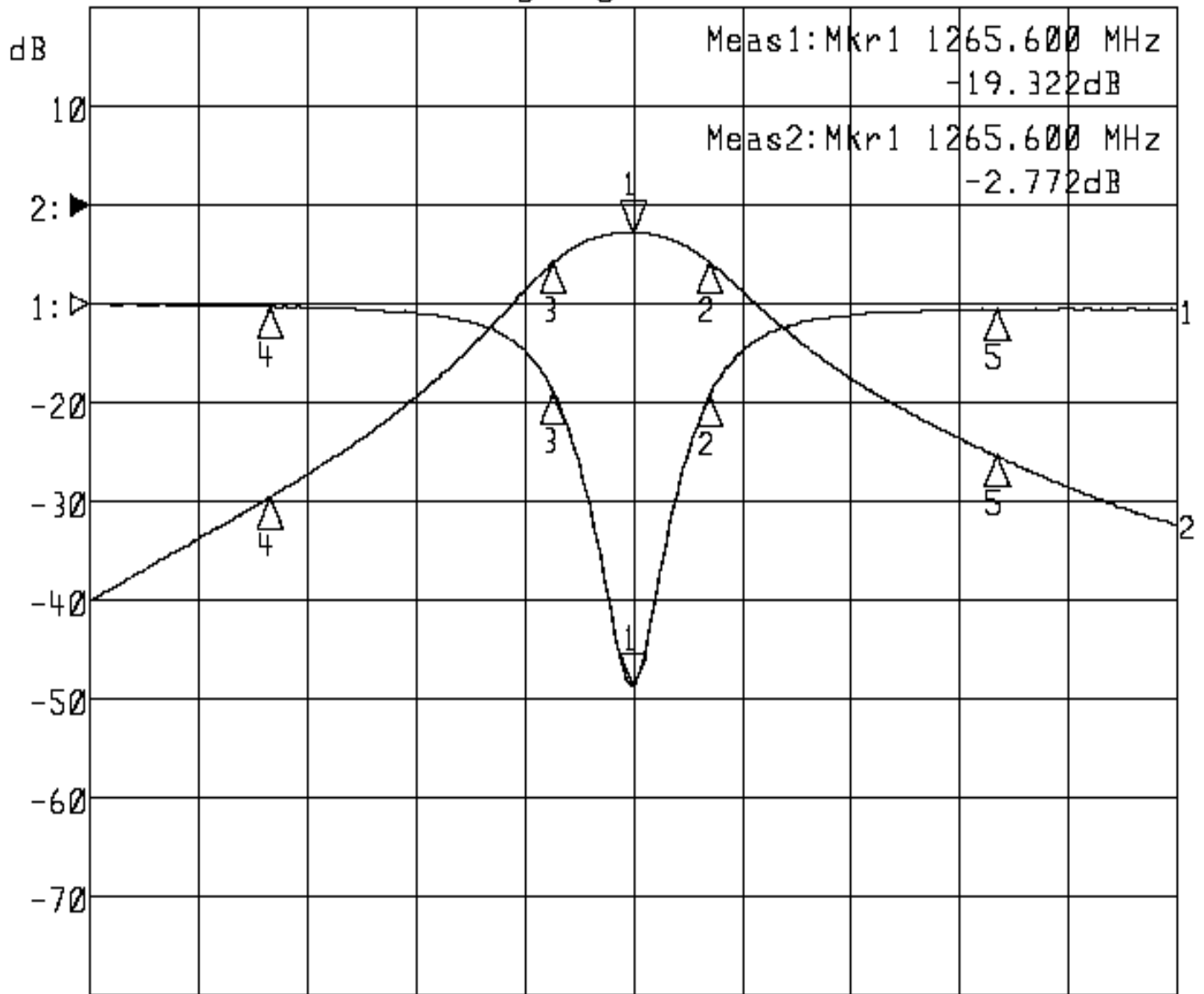


(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1265.6 MHz	1265.6 MHz	
Tunable Range:	1265.6±5 MHz	1265.6±5 MHz	
Insertion Loss	Typ. 4.0 dB	2.8 dB	
-3 dB Bandwidth	Typ. 30 MHz	43 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 24 dBc	27 dBc
	Fo + 100 MHz	Typ. 20 dBc	23 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19 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	Enlan	5W2S(3.8*4.7) 5HW024RB4
TEMWELL CORPORATION			

Performance-TDW2554B-1265.6M

20112038DC

▶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 1 265.600 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1265.6000	-19.322	1> 1265.6000	-2.772
2: 1286.6000	-4.655	2: 1286.6000	-5.747
3: 1243.7000	-4.448	3: 1243.7000	-5.758
4: 1165.6000	-0.121	4: 1165.6000	-29.514
5: 1365.6000	-0.310	5: 1365.6000	-25.353