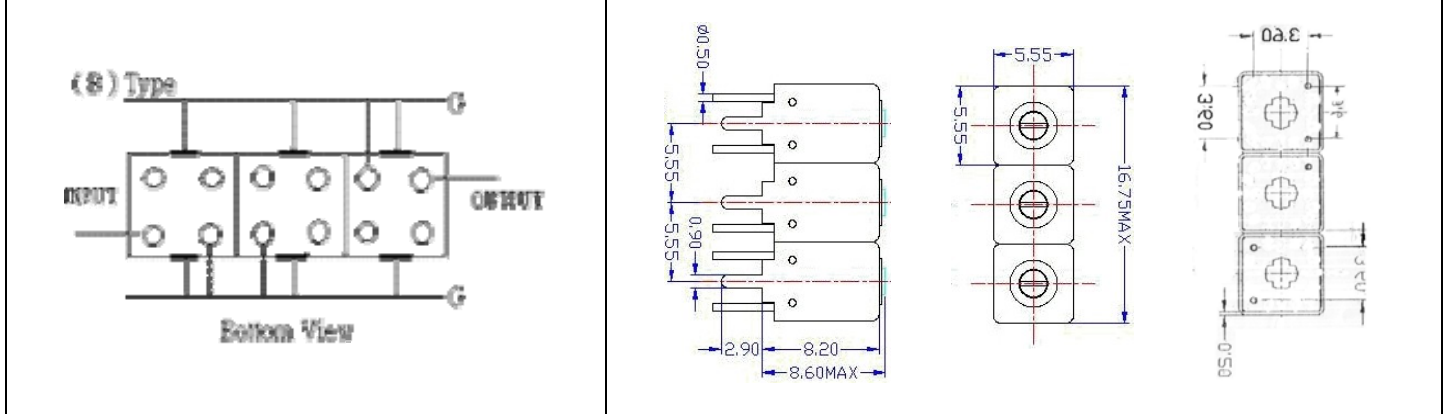


VHF UHF Helical Filter Specification Sheet

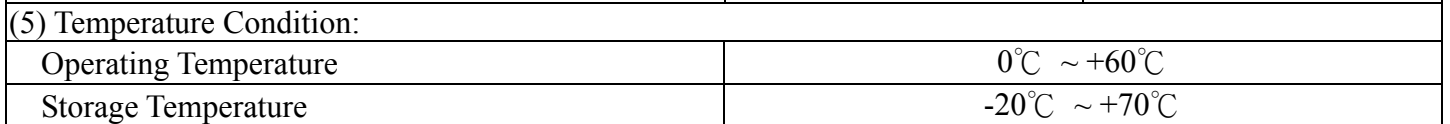
Customer Name		Temwell's Part No.	TTW3670B-625M
Approval No. /dated	0510062DC	Acceptable Specify Fo Range	601-650 MHz
Work Instruction No.	0510062DC	Date	Jan.04.2006

(1) Pin Position (2) Size Diagram



(3) Electric Character

Item	Specify	Performance	
Center Freq. (Fo) +/- 0.5 %	625 MHz	625 MHz	
Tunable Range:	625±5 MHz	625±5 MHz	
Insertion Loss	Typ. 5.0 dB	4.17 dB	
-3 dB Bandwidth	Typ. 20 MHz	27.0 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 26 dBc	29 dBc
	Fo + 50 MHz	Typ. 27 dBc	30 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	26.6 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		
(7) Measuring Circuit:	※Easy to match Impedance S11/S22 50Ω by parallel with about(0pF) / (0pF).		



(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W3, 3.8*4.0(4.11) 5HW024LB3

TEMWELL CORPORATION

TEMWELL

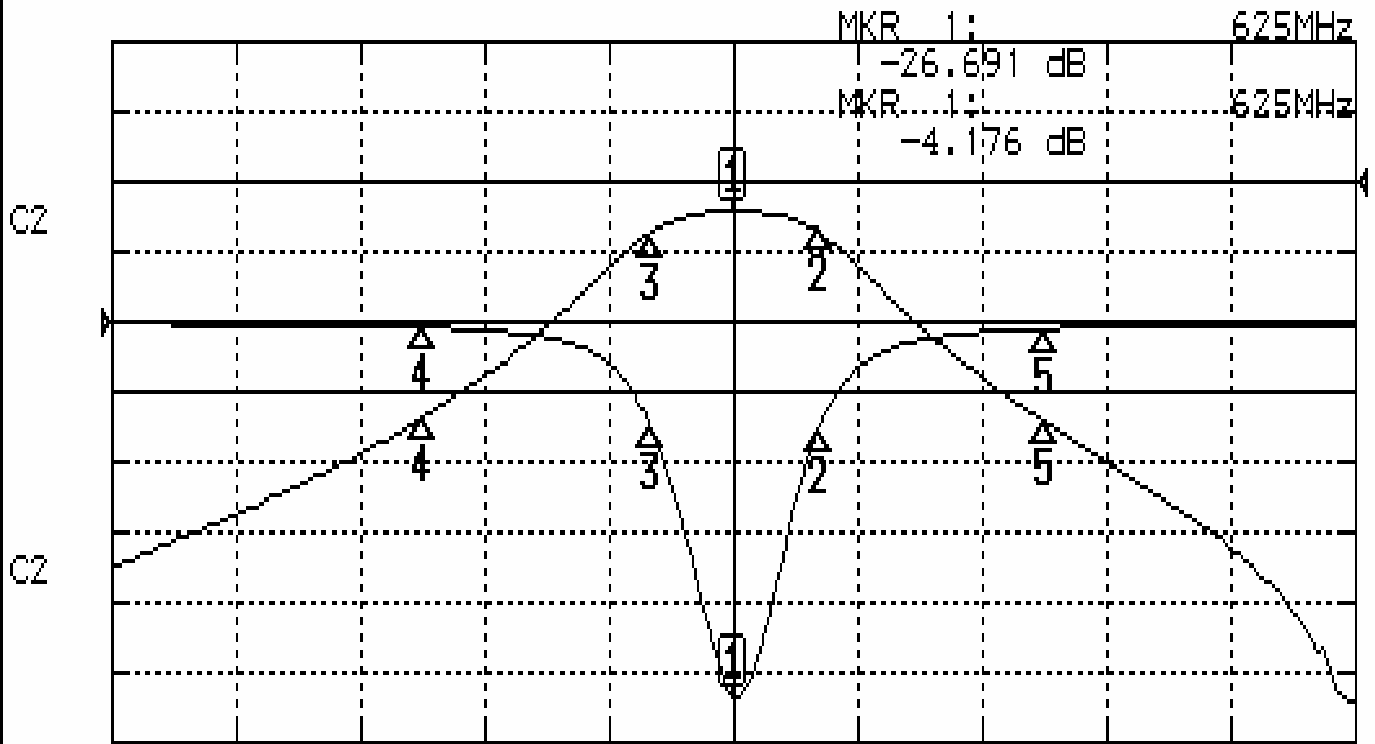
Form10-5W3B Vision D

RP: C.S. Chang

Performance-TTW3670B-625M

0510062DC

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 625MHz

[10.00 dBm]

SPAN 200MHz

CH1 MARKER LIST

1	625.000MHz	-26.657	dB
2	638.8333MHz	-7.605	dB
3	611.8333MHz	-7.437	dB
4	575.0000MHz	-0.370	dB
5	675.0000MHz	-0.474	dB

CH2 MARKER LIST

1	625.000MHz	-4.176	dB
2	638.8333MHz	-7.215	dB
3	611.8333MHz	-7.135	dB
4	575.0000MHz	-33.648	dB
5	675.0000MHz	-34.268	dB