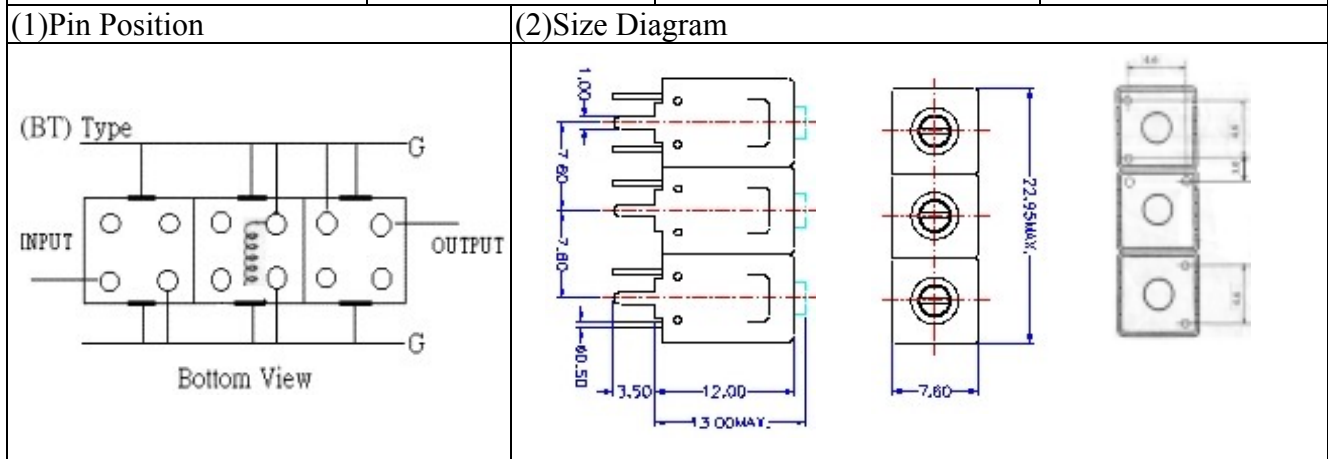


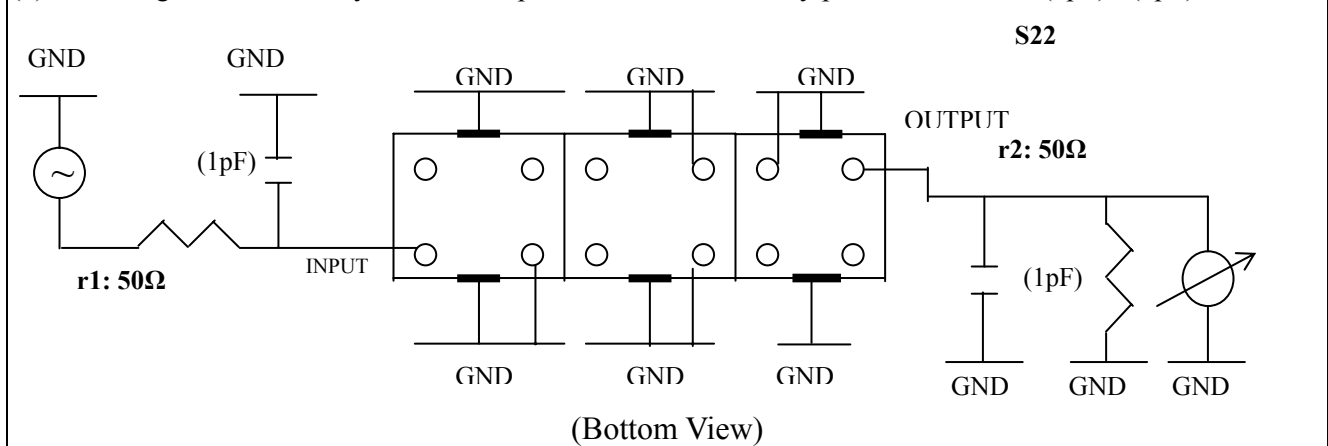
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3BT-410M-11M
Approval No. /dated	20402070DC	Customer's Part No.	
Work Instruction No.	20402070DC	Date	Feb.27.2004



(3) Electric Characteristic			
Item		Specify	
Center Freq.(Fo) +/- 0.5 %		410	MHz
Insertion Loss		Typ. 3.5	dB
-3 dB Bandwidth		Typ. 11	MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 40	dBc
	Fo + 50 MHz	Typ. 35	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss		Min. 12	dB
Ripple		< 1	dB
Impedance		In / Out : 50 Ω	
(4) Torque for Tuning Screw		> 60gf cm	
(5) Temperature Condition:			
Operating Temperature		0 ~ +60	
Storage Temperature		20 ~ +70	
(6) Input Power		> 1Watt	

(7) Measuring Circuit: Easy to match Impedance S11/S22 50Ω by parallel with about(1pF) / (1pF).

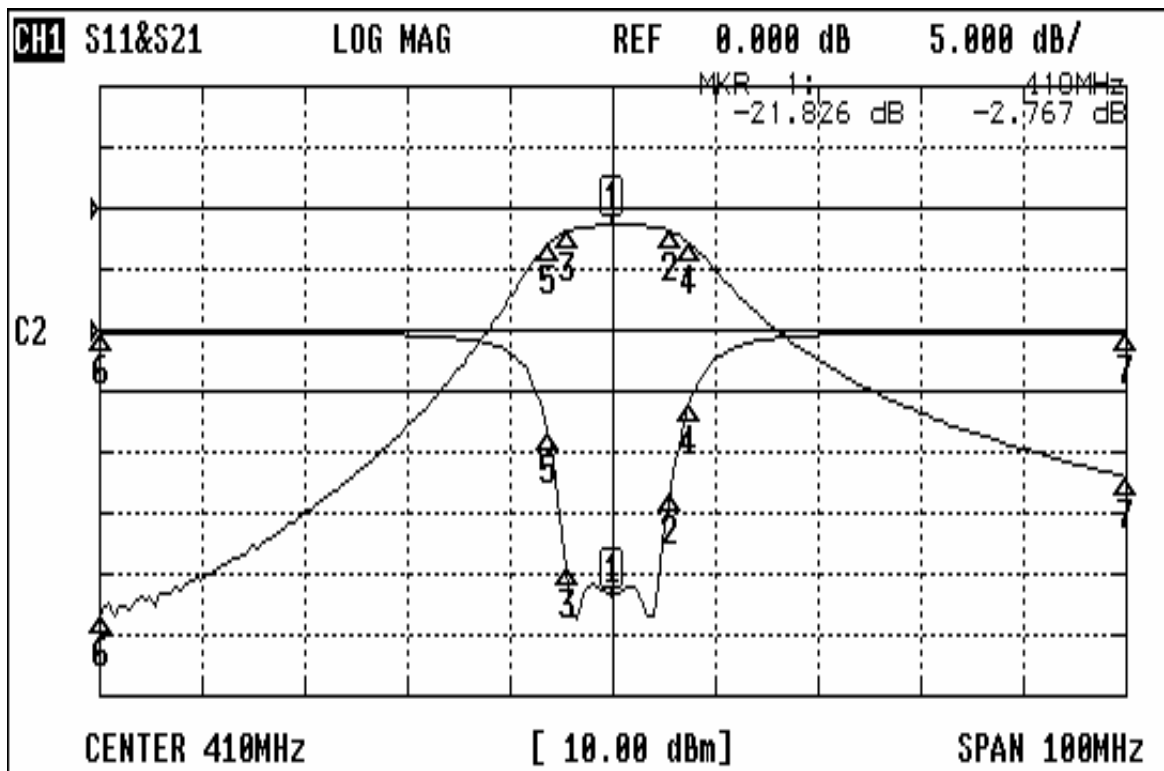


Approval	Supervisor	Designer	Aperture size
	C.S.Chang	Enlan	7H3 (4*6.5)(6.58)F

TEMWELL CORPORATION

Performance- K3BT-410M-11M

20402070DC



CH1 MARKER LIST

1:	410.000MHz	-21.826 dB	-2.767 dB
2:	415.666MHz	-13.301 dB	-3.723 dB
3:	405.500MHz	-19.431 dB	-3.742 dB
4:	417.583MHz	-5.969 dB	-5.800 dB
5:	403.750MHz	-8.385 dB	-5.720 dB
6:	360.000MHz	-0.160 dB	-67.009 dB
7:	460.000MHz	-0.160 dB	-43.984 dB
8:			
9:			
10:			