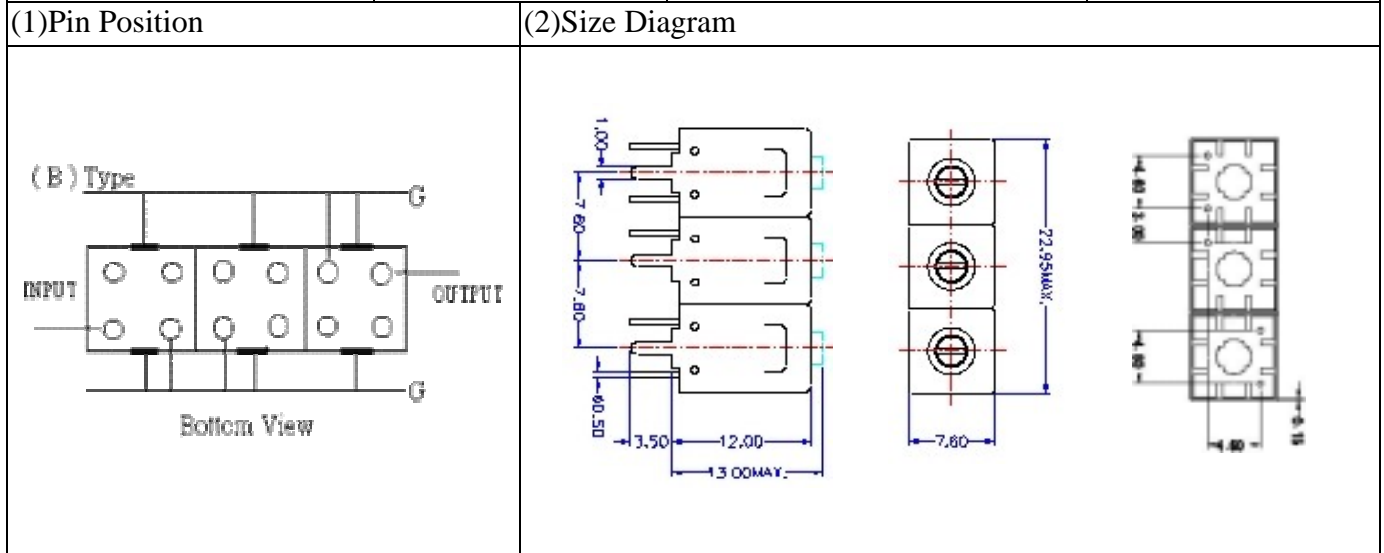


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67626B04-415M
Approval No. /dated	20307048DB	Customer Print Name	TT67626B04-15M
Work Instruction No.	20307048DB	Date	



(3) Electric Characteristic

Item	Specify
Center Freq.(Fo) +/- 0.5 %	415 MHz
Tunable Range:	415±5 MHz
Insertion Loss	Typ. 3.5 dB
-1 dB Bandwidth	Typ. 8 MHz
-3 dB Bandwidth	Typ. 11 MHz
Sensitivity (Attenuation)	Fo - 16 MHz Typ. 21 dB
	Fo + 16 MHz Typ. 20 dB
	Fo - ()MHz Typ. dB
	Fo + ()MHz Typ. dB
Return Loss	Min. 12 dB
Ripple	< 1 dB
Impedance	In / Out : 50 Ω
(4) Torque for Tuning Screw	> 100gf cm
(5) Temperature Condition:	
Operating Temperature	0 ~ +60
Storage Temperature	-20 ~ +70
(6) Input Power	> 1Watt

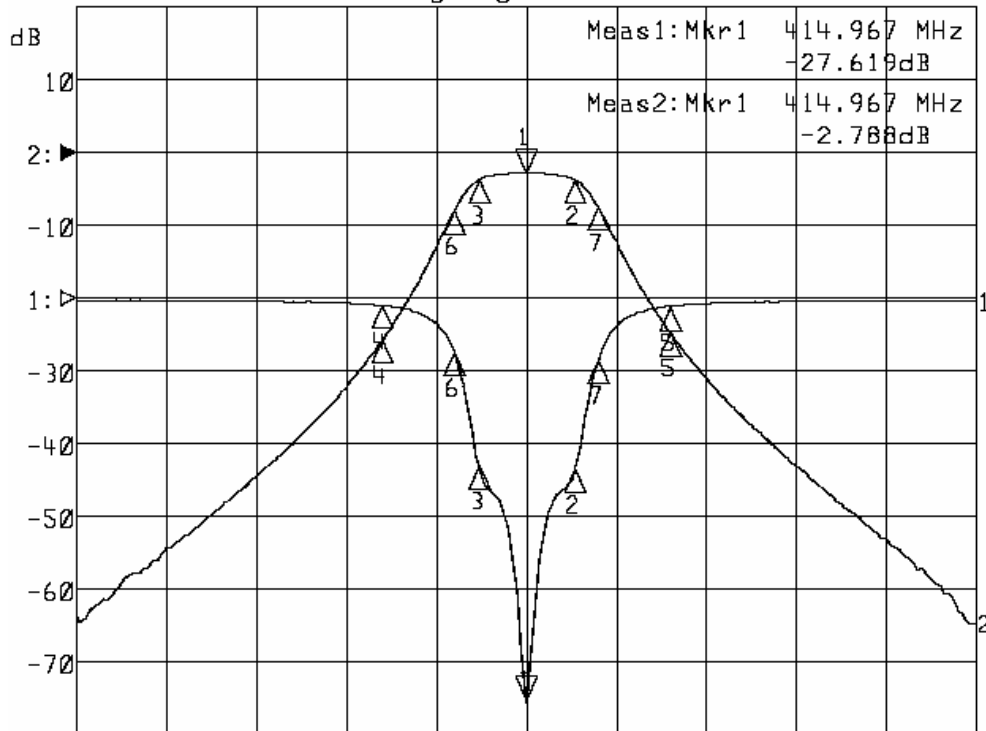
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*5.5)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TT67626B04-415M

20307048DB

▸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 415.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 414.9667	-27.619	1> 414.9667	-2.788
2: 420.4000	-11.756	2: 420.4000	-3.740
3: 409.7667	-11.537	3: 409.7667	-3.736
4: 399.0000	-0.556	4: 399.0000	-25.824
5: 431.0000	-0.568	5: 431.0000	-24.777
6: 407.0000	-3.700	6: 407.0000	-7.991
7: 423.0000	-4.279	7: 423.0000	-7.449