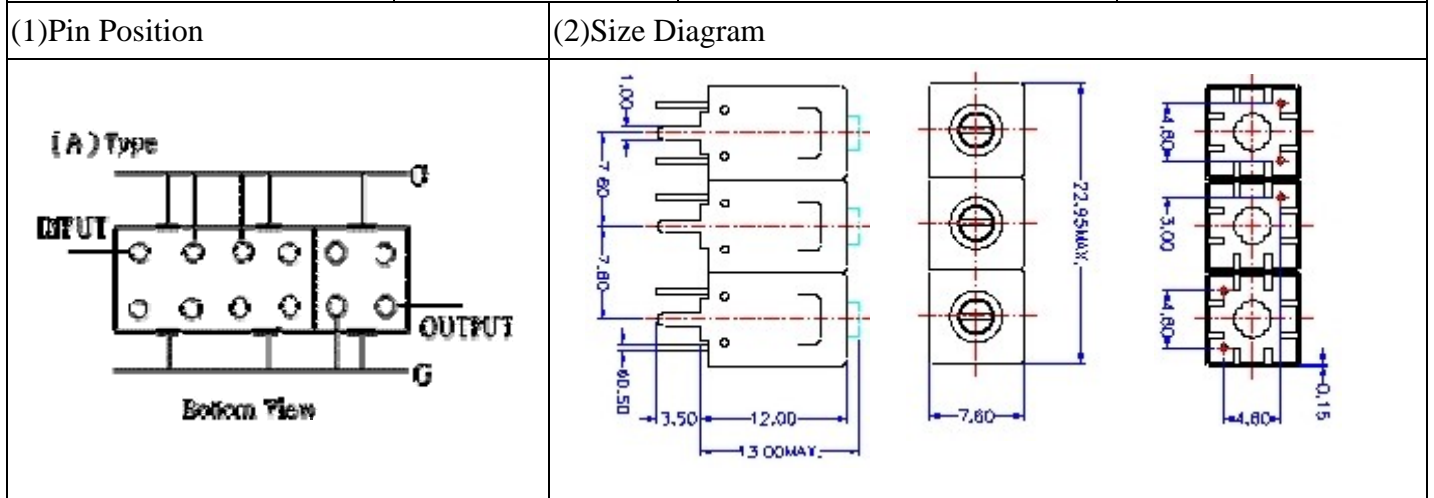


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL67485A-340M
Approval No. /dated	20209009DC	Acceptable Specify Fo. Range	311~350MHz
Work Instruction No.	20209009DC	Date	Sep.04.2002



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	340 MHz	340 MHz
Tunable Range	340±3 MHz	340±3 MHz
Insertion Loss	Typ. 2.5 dB	0.7 dB
-3 dB Bandwidth	Typ. 46 MHz	48 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 53 dBc
	Fo + 100 MHz	Typ. 28 dBc
	Fo - ()MHz	Typ. dBc
	Fo + ()MHz	Typ. dBc
Return Loss	Min. 12 dB	25 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75 Ω	In / Out : 75 Ω
(4) Torque for Tuning Screw	> 100gf · cm	

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6) Input Power	> 1Watt

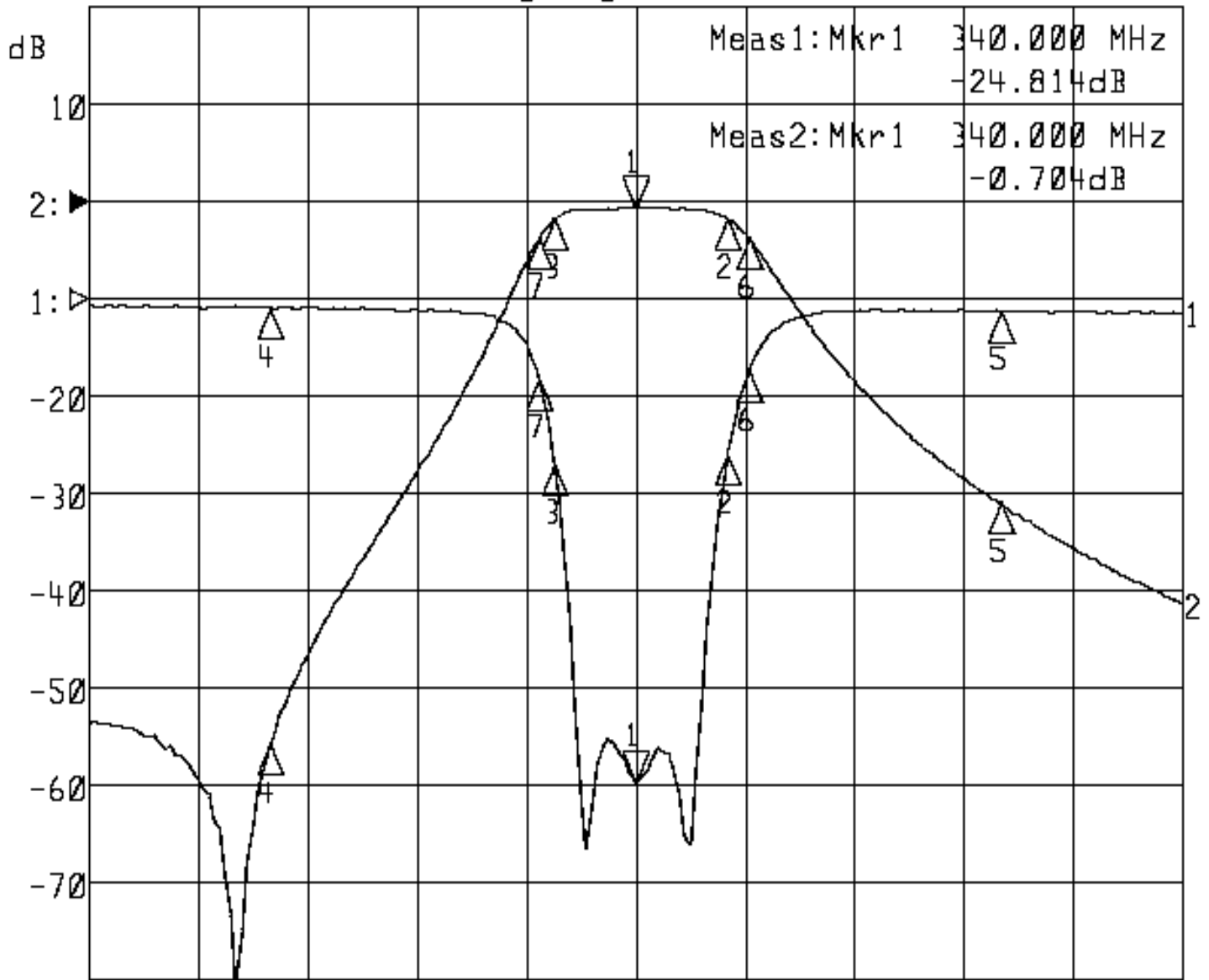
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H3S(4*8.0)F 7H046LB5.5

TEMWELL CORPORATION

Performance-TTL67485A-340M

20209009DC

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
 ▶2:S12 Rev Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 340.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 340.0000	-24.814	1> 340.0000	-0.704
2: 365.3000	-7.991	2: 365.3000	-1.710
3: 317.8000	-8.459	3: 317.8000	-1.744
4: 240.0000	-0.455	4: 240.0000	-55.766
5: 440.0000	-0.632	5: 440.0000	-31.038
6: 371.0000	-3.713	6: 371.0000	-3.744
7: 313.5000	-4.078	7: 313.5000	-3.742