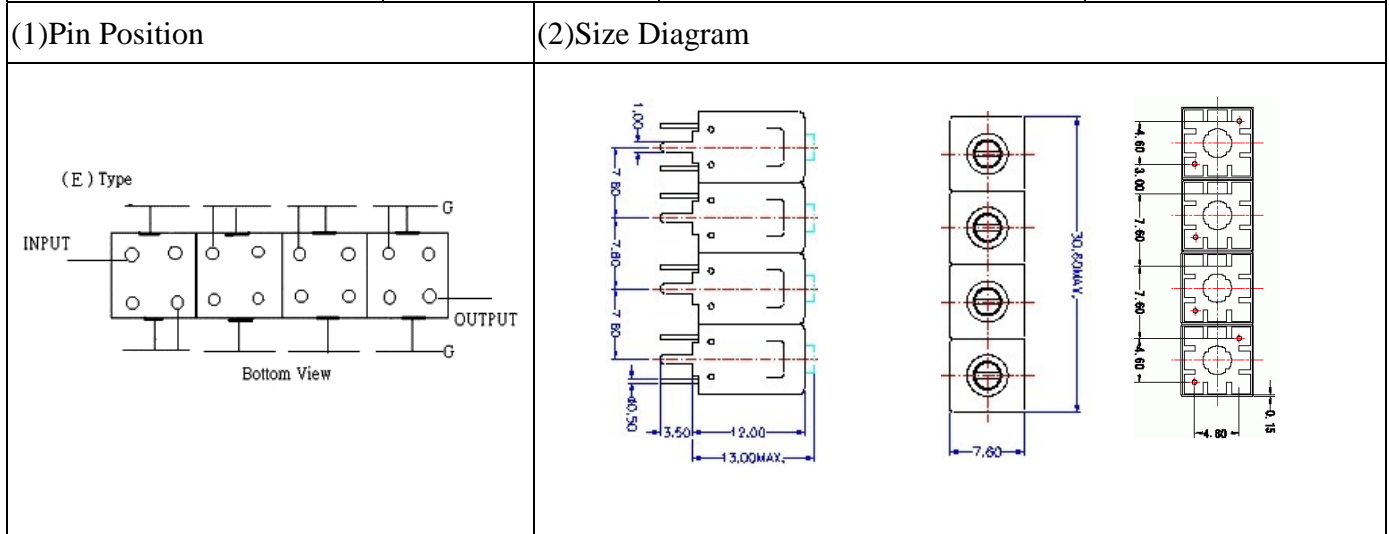


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69275E-341M
Approval No. /dated	2008126D	Acceptable Specify Fo. Range	311~355MHz
Work Instruction No.	2008126D	Date	Aug.21.2000



**(3) Electric Character**

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	341 MHz	341 MHz	
Insertion Loss	Typ. 4.5 dB	3.55 dB	
-3 dB Bandwidth	Typ. 10 MHz	12 MHz	
Sensitivity (Attenuation)	Fo - 42 MHz	Typ. 75 dBc	82 dBc
	Fo + 42 MHz	Typ. 70 dBc	78 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	36.7 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 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
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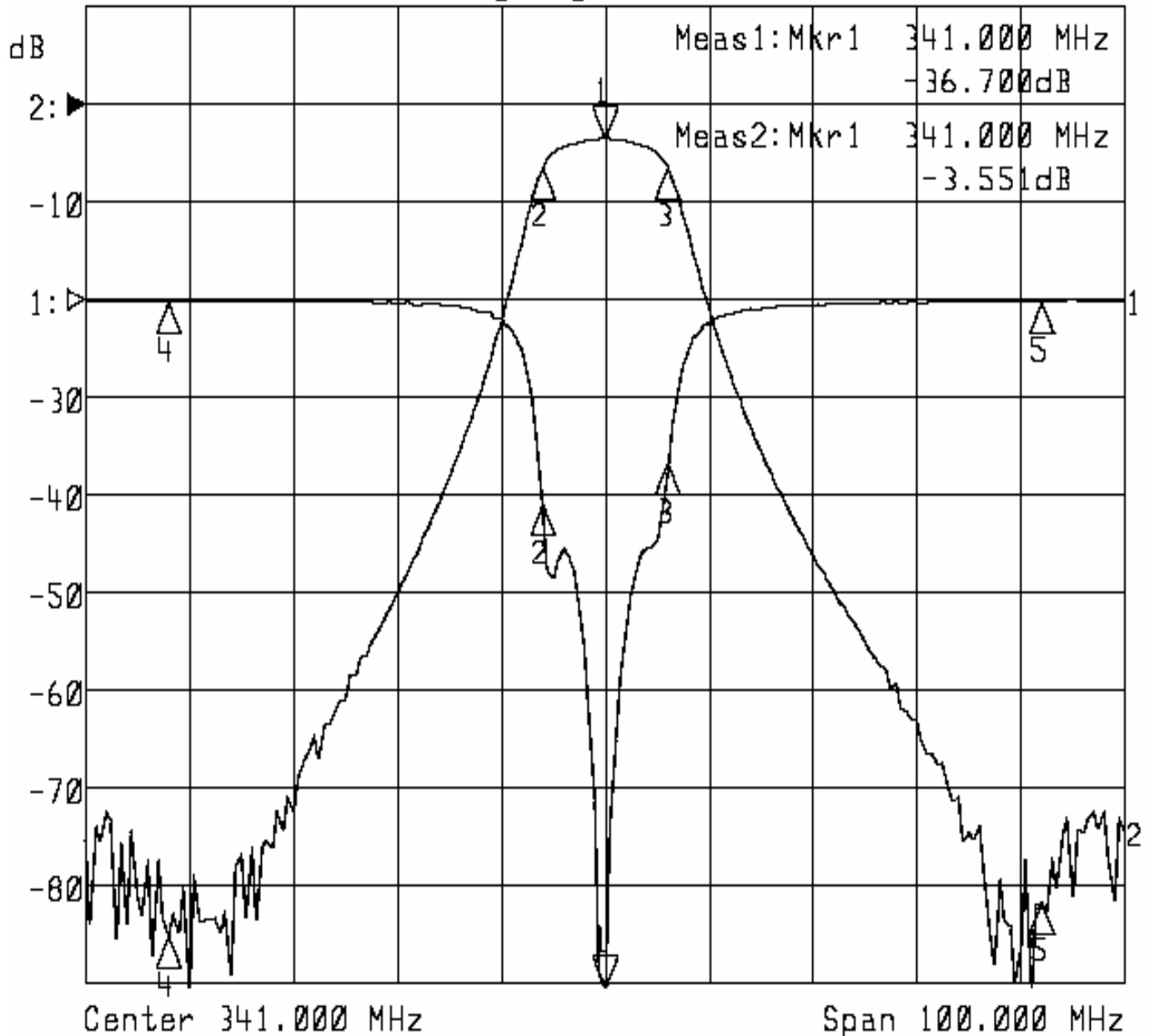
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H4S(4*5.5) 7H046LB4

TEMWELL CORPORATION

# Performance-TF69275E-341M

## 2008126D

▶1: Reflection      Log Mag    5.0 dB/ Ref    0.00 dB    C  
▶2: Transmission    Log Mag    10.0 dB/ Ref    0.00 dB    C



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 341.0000	-36.700	1> 341.0000	-3.551
2: 334.9667	-10.449	2: 334.9667	-6.539
3: 347.0667	-8.413	3: 347.0667	-6.494
4: 299.0000	-0.100	4: 299.0000	-85.246
5: 383.0000	-0.078	5: 383.0000	-81.663