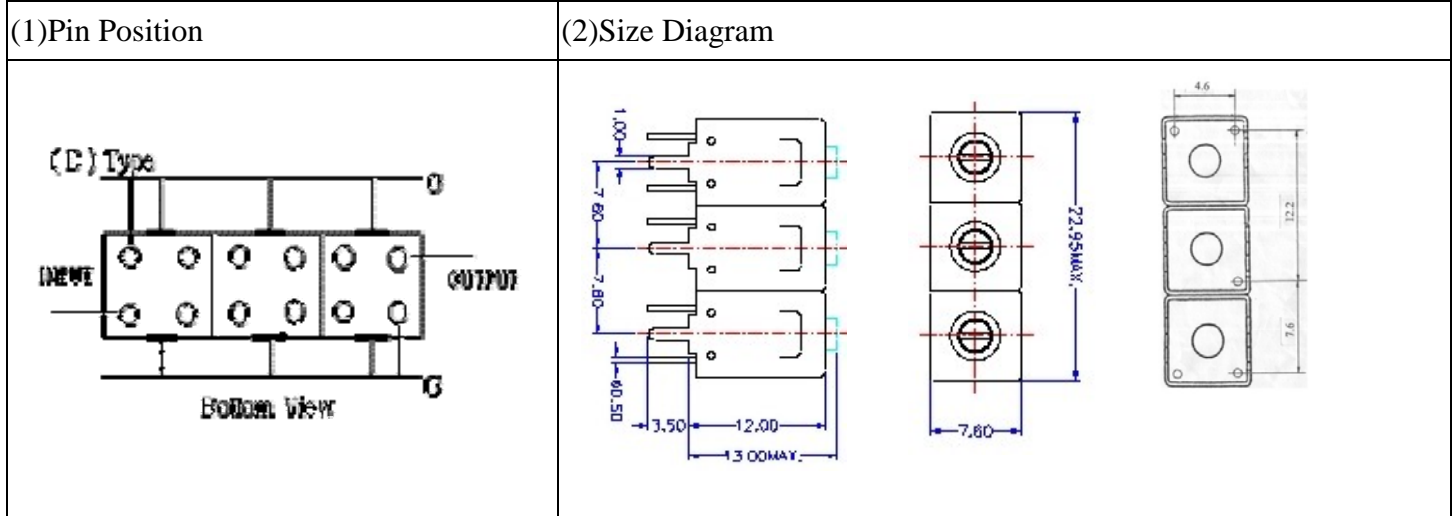


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67489D-70M
Approval No. /dated	20111184DC	Acceptable Specify Fo. Range	68~75MHz
Work Instruction No.	20111184DC	Date	



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	70 MHz	70 MHz	
Tunable Range	70±2 MHz	70±2 MHz	
Insertion Loss	Typ. 3.0 dB	1.5 dB	
-3 dB Bandwidth	Typ. 14 MHz	16 MHz	
Sensitivity (Attenuation )	Fo -20 MHz	Typ. 36 dBc	38 dBc
	Fo +20 MHz	Typ. 25 dBc	27 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16 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

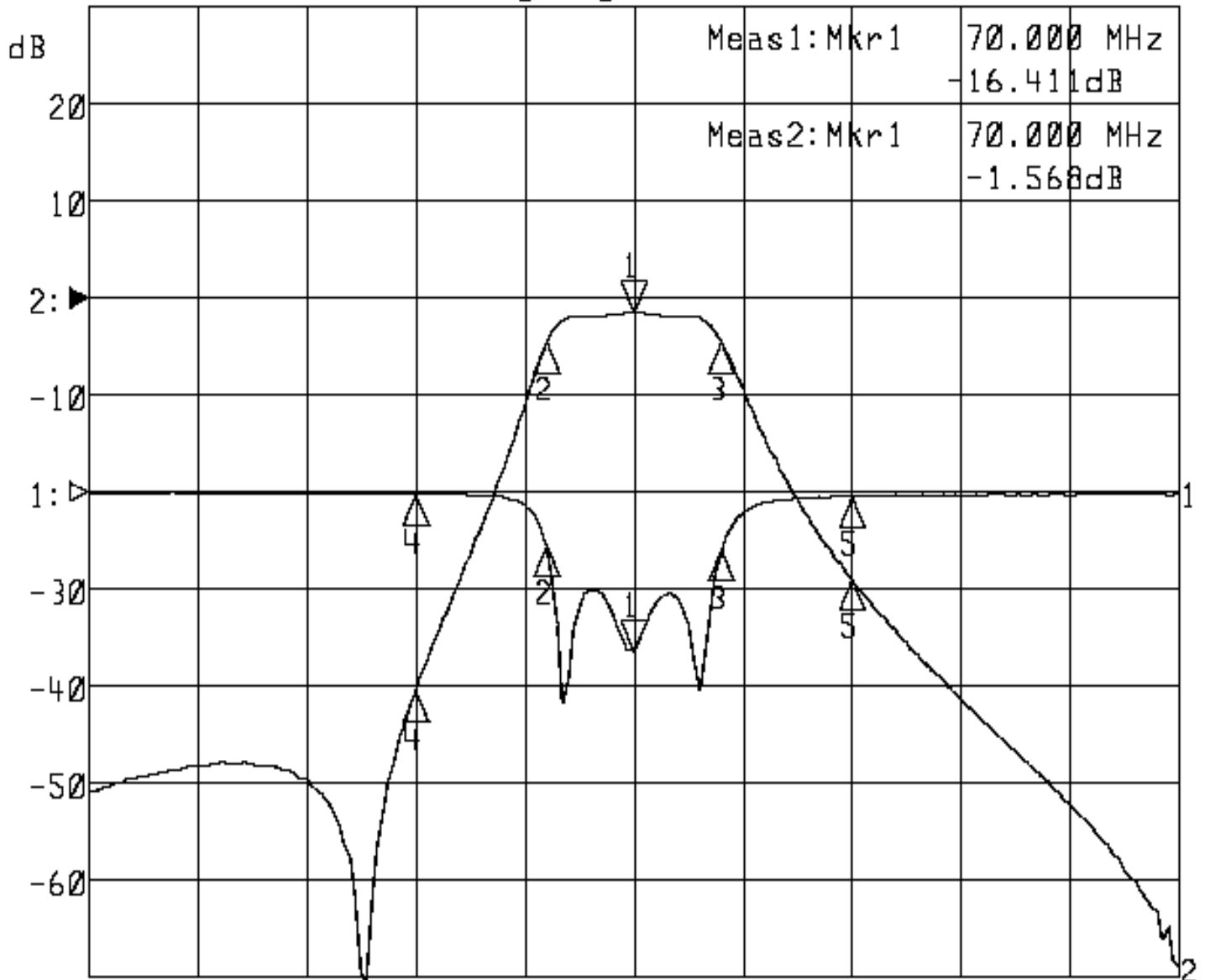
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*6.5)F 7H00LB6

TEMWELL CORPORATION

# Performance-TT67489D-70M

## 2011184DC

▶1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C  
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 70.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 70.0000	-16.411	1> 70.0000	-1.568
2: 62.0000	-5.591	2: 62.0000	-4.520
3: 78.0667	-5.976	3: 78.0667	-4.559
4: 50.0000	-0.238	4: 50.0000	-40.424
5: 90.0000	-0.517	5: 90.0000	-29.048