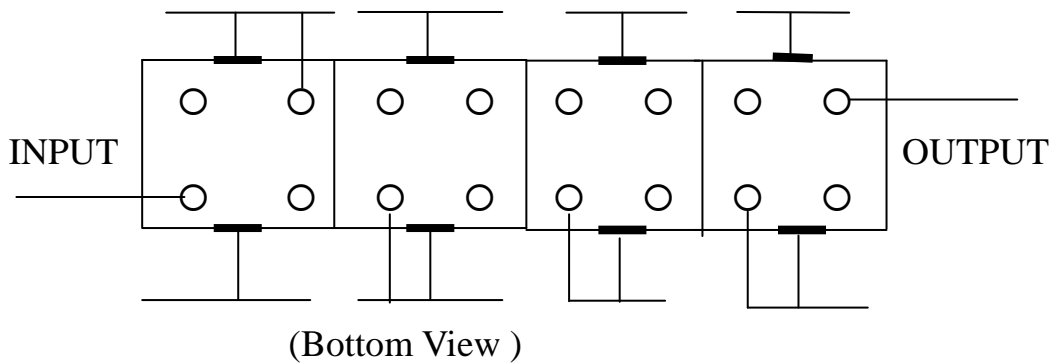


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69534F-670M
Approval No. /dated	20208029DC	Customer's Part No.	
Work Instruction No.	20208029DC	Date	2002.08.19
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4	Case size : (mm)	
Terminator Type	F		

* Pin Position (Pin Connection) diagram as following
(F) Type



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	670 MHz	670 MHz
Insertion Loss	Typ. 2.5 dB	1.5 dB
-1 dB Bandwidth	Typ. 43 MHz	46 MHz
-3 dB Bandwidth	Typ. 48 MHz	51 MHz
Sensitivity (Attenuation)	Fo- 70 MHz	Typ. 47 dBc
	Fo+ 70 MHz	Typ. 24 dBc
	Fo- () MHz	Typ. dBc
	Fo+ () MHz	Typ. dBc
Return Loss	Min. 12 dB	17.0 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75 Ω	In / Out : 75 Ω

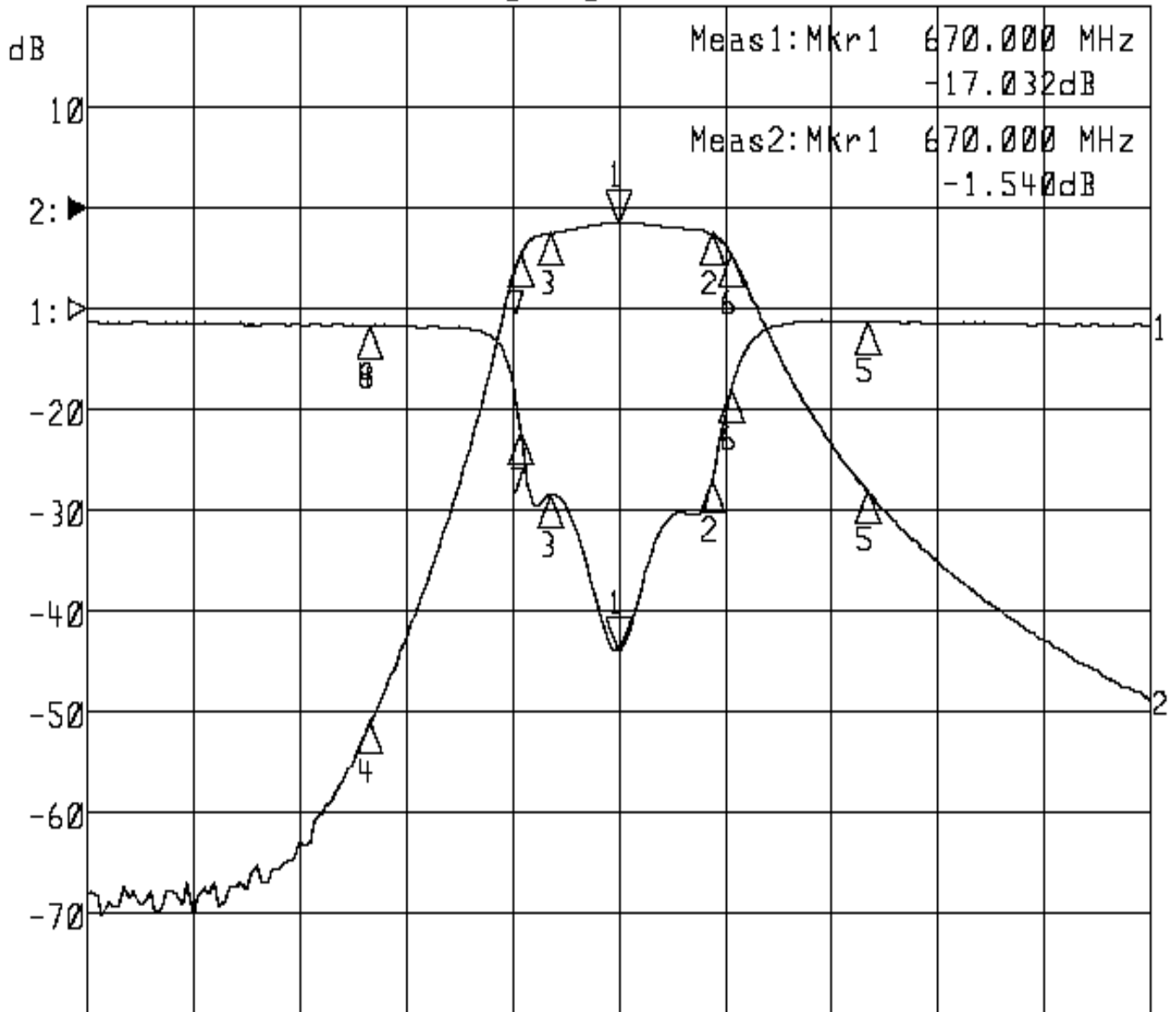
Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	C.S.Chang	7H4S(4*6.5) 7H046LB5

TEMWELL CORPORATION

Performance-TFL69534F-670M

20208029DC

▷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 670.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 670.0000	-17.032	1> 670.0000	-1.540
2: 696.4000	-8.480	2: 696.4000	-2.553
3: 650.7333	-9.239	3: 650.7333	-2.563
4: 600.0000	-0.825	4: 600.0000	-51.111
5: 740.0000	-0.660	5: 740.0000	-28.025
6: 701.7000	-4.004	6: 701.7000	-4.556
7: 642.4667	-6.106	7: 642.4667	-4.558
8: 600.0000	-0.825		