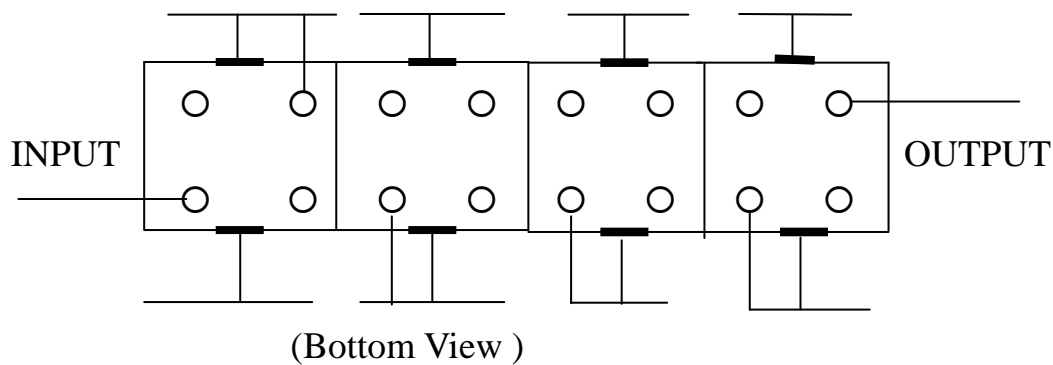


Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL-69614F-670M
Approval No. /dated	20208084DC	Customer's Part No.	
Work Instruction No.	20208084DC	Date	2002/8/29
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4S	Case size : (mm)	
Terminator Type	F		

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



(3) Electric Character

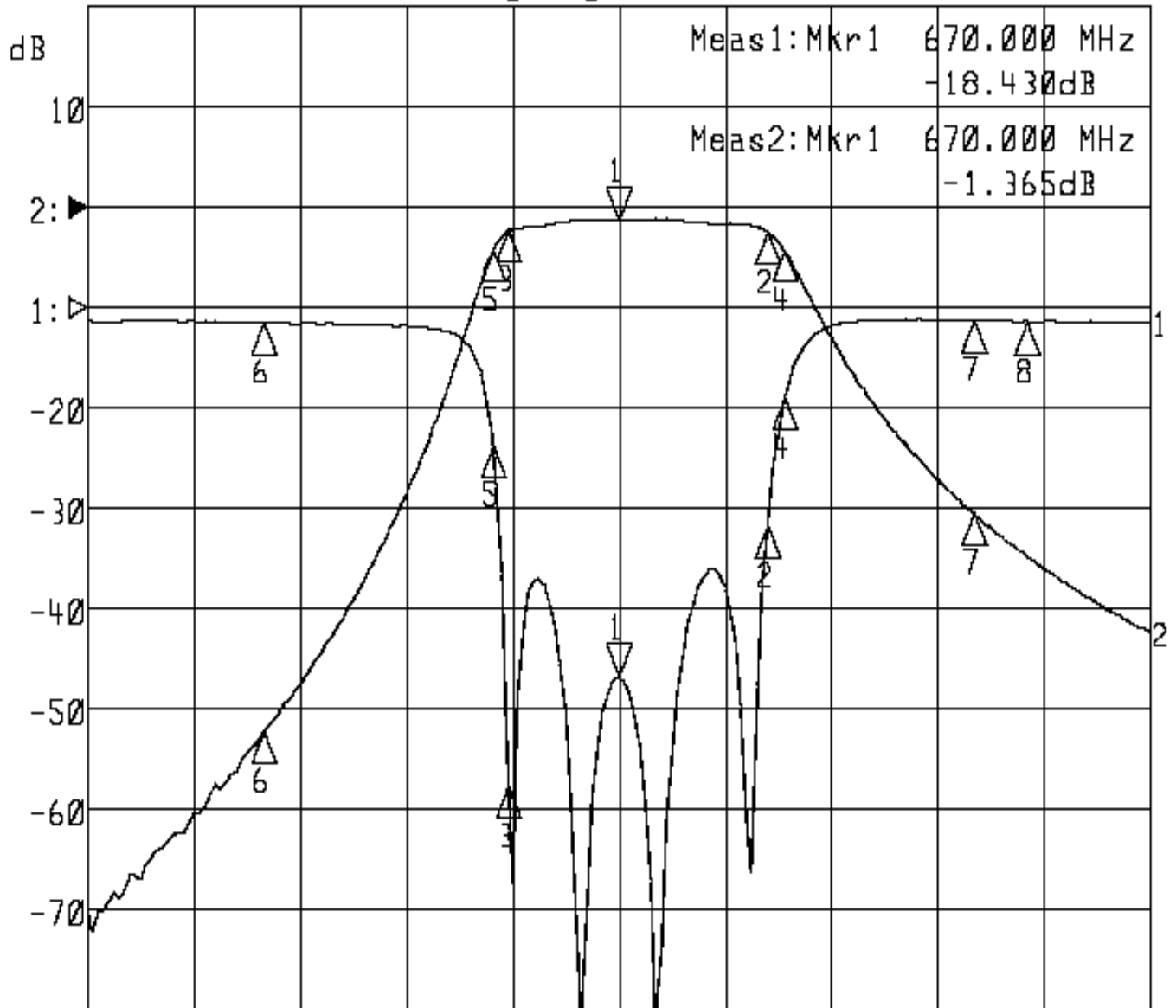
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	670 MHz	670 MHz
Insertion Loss	Typ. 2.5 dB	1.3 dB
-1 dB Bandwidth	Typ. 69 MHz	72 MHz
-3 dB Bandwidth	Typ. 74 MHz	77 MHz
Sensitivity (Attenuation)	Fo- 100 MHz	Typ. 47 dBc
	Fo+ 100 MHz	Typ. 26 dBc
	Fo- () MHz	Typ. dBc
	Fo+ () MHz	Typ. dBc
Return Loss	Min. 12 dB	18.4 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 7H046LB6
TEMWELL CORPORATION			

Performance-TFL69614F-670M

20208084DC

▷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 670.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 670.0000	-18.430	1> 670.0000	-1.365
2: 711.8000	-10.934	2: 711.8000	-2.377
3: 639.1000	-23.935	3: 639.1000	-2.297
4: 716.8000	-4.476	4: 716.8000	-4.353
5: 634.4000	-6.857	5: 634.4000	-4.348
6: 570.0000	-0.749	6: 570.0000	-52.215
7: 770.0000	-0.640	7: 770.0000	-30.473
8: 785.0000	-0.688		