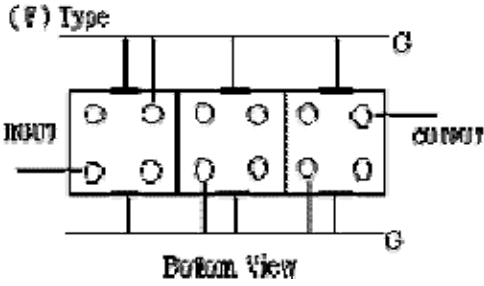
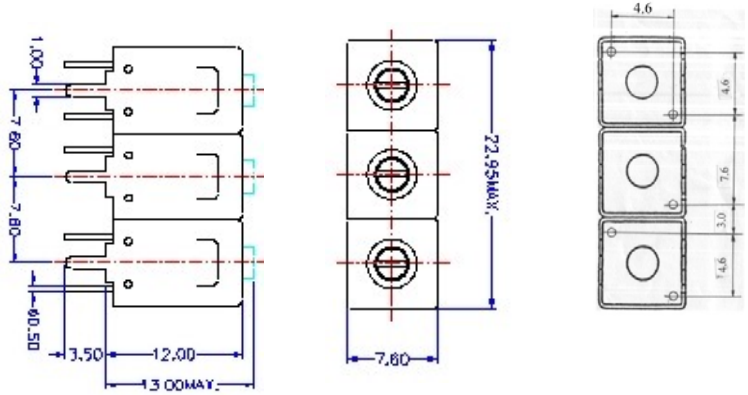


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL67618F-625M
Approval No. /dated	20212024DC	Acceptable Specify Fo. Range	596~640MHz
Work Instruction No.	20212024DC	Date	Jan. 6, 2003

(1) Pin Position	(2) Size Diagram
 <p>(F) Type Bottom View</p>	

(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	625 MHz	625 MHz
Tunable Range	625±3 MHz	625±3 MHz
Insertion Loss	Typ. 2.0 dB	0.7 dB
-3 dB Bandwidth	Typ. 140 MHz	145 MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 40 dBc
	Fo + 200 MHz	Typ. 27 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	17 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75 Ω	In / Out : 75 Ω
(4) Torque for Tuning Screw	> 60gf · cm	

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power

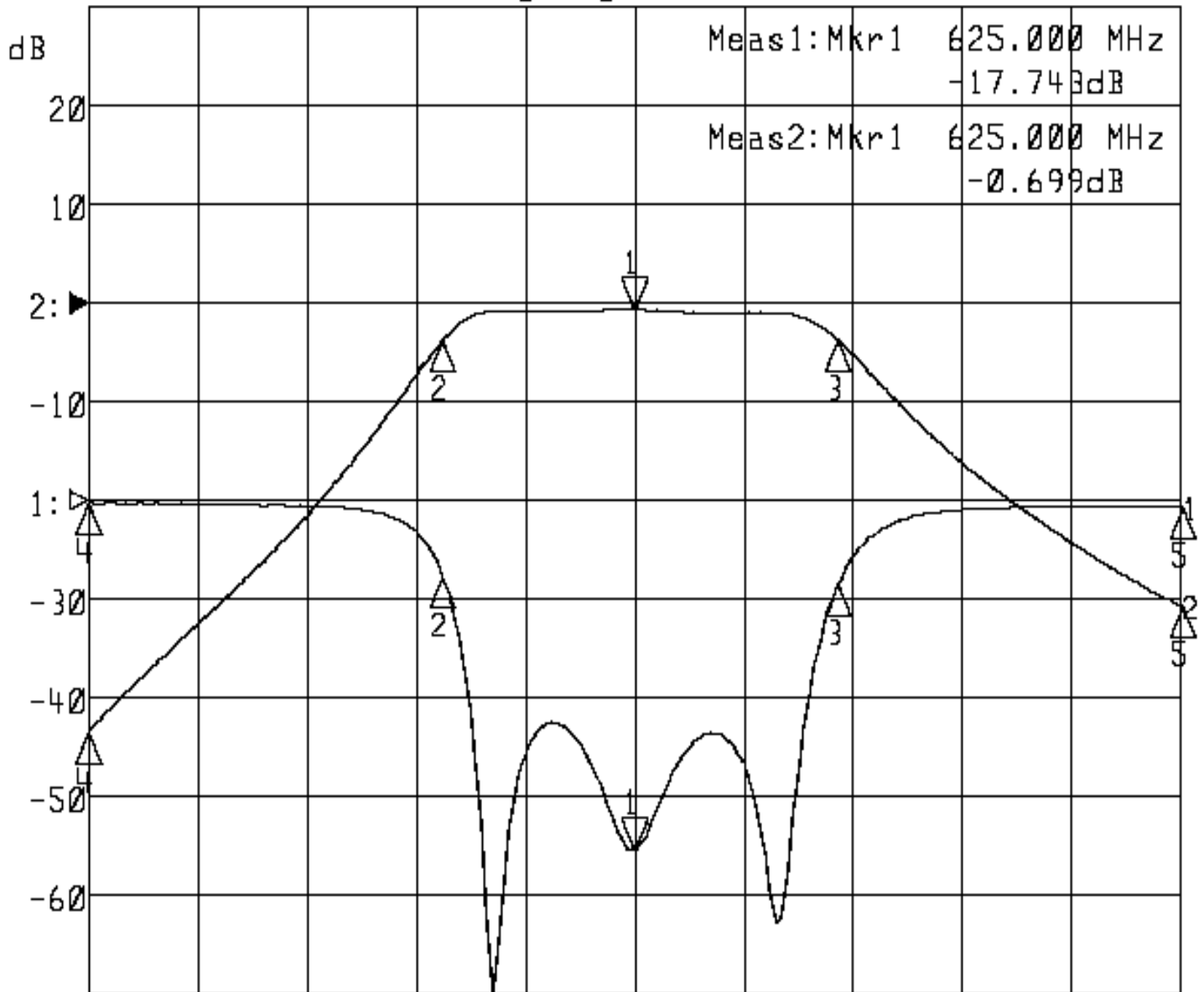
		> 1Watt	
Approval	Supervisor	Designer	Aperture size
C. Y.Chang	C. S.Chang	C. S.Chang	7H3S 4*8.0 7H046RB6.5

TEMWELL CORPORATION

Performance-TTL67618F-625M

20212024DC

►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 625.000 MHz

Span 400.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 625.0000	-17.743	1> 625.0000	-0.699
2: 554.8667	-3.837	2: 554.8667	-3.746
3: 699.5333	-4.306	3: 699.5333	-3.736
4: 425.0000	-0.164	4: 425.0000	-43.395
5: 825.0000	-0.359	5: 825.0000	-30.704