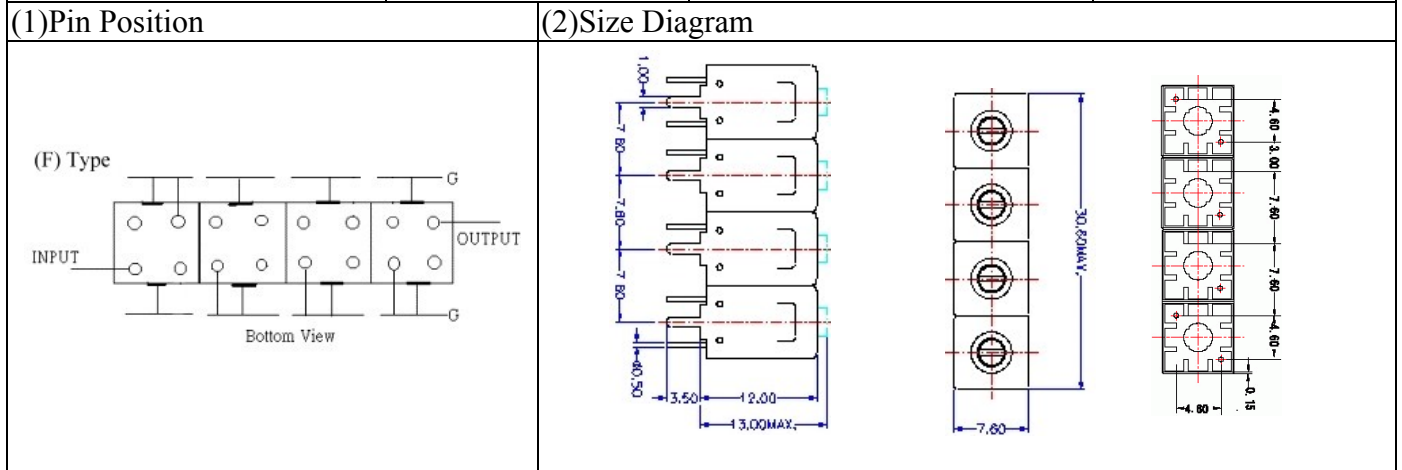


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFL64269F-519.25M
Approval No. /dated	0812115CD	Temwell's Print name	64269F 519.25M
Work Instruction No.	200812115CD	Date	Jan.08.2009



(3) Electric Characteristic

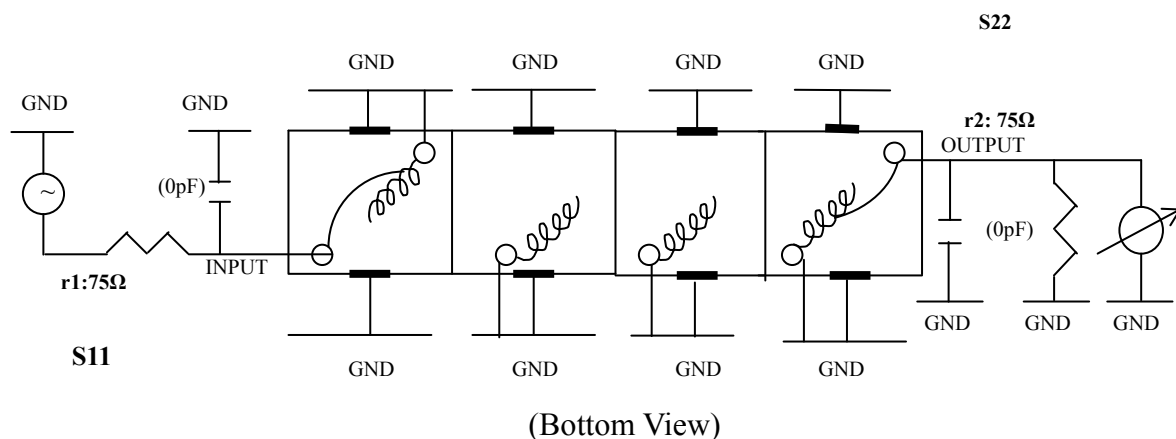
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	519.25 MHz	519.25 MHz
Insertion Loss	Typ. 6 dB	4.97 dB
-3 dB Bandwidth	Typ. 8 MHz	11.7 MHz
Sensitivity (Attenuation)	Fo - (20) MHz	Typ. 41 dB
	Fo + (20) MHz	Typ. 35 dB
	Fo - () MHz	Typ. dB
	Fo + () MHz	Typ. dB
Return Loss	Min. 12 dB	22.58 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 75 Ω	In / Out : 75 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

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 75Ω by parallel with about(0pF) / (0pF).

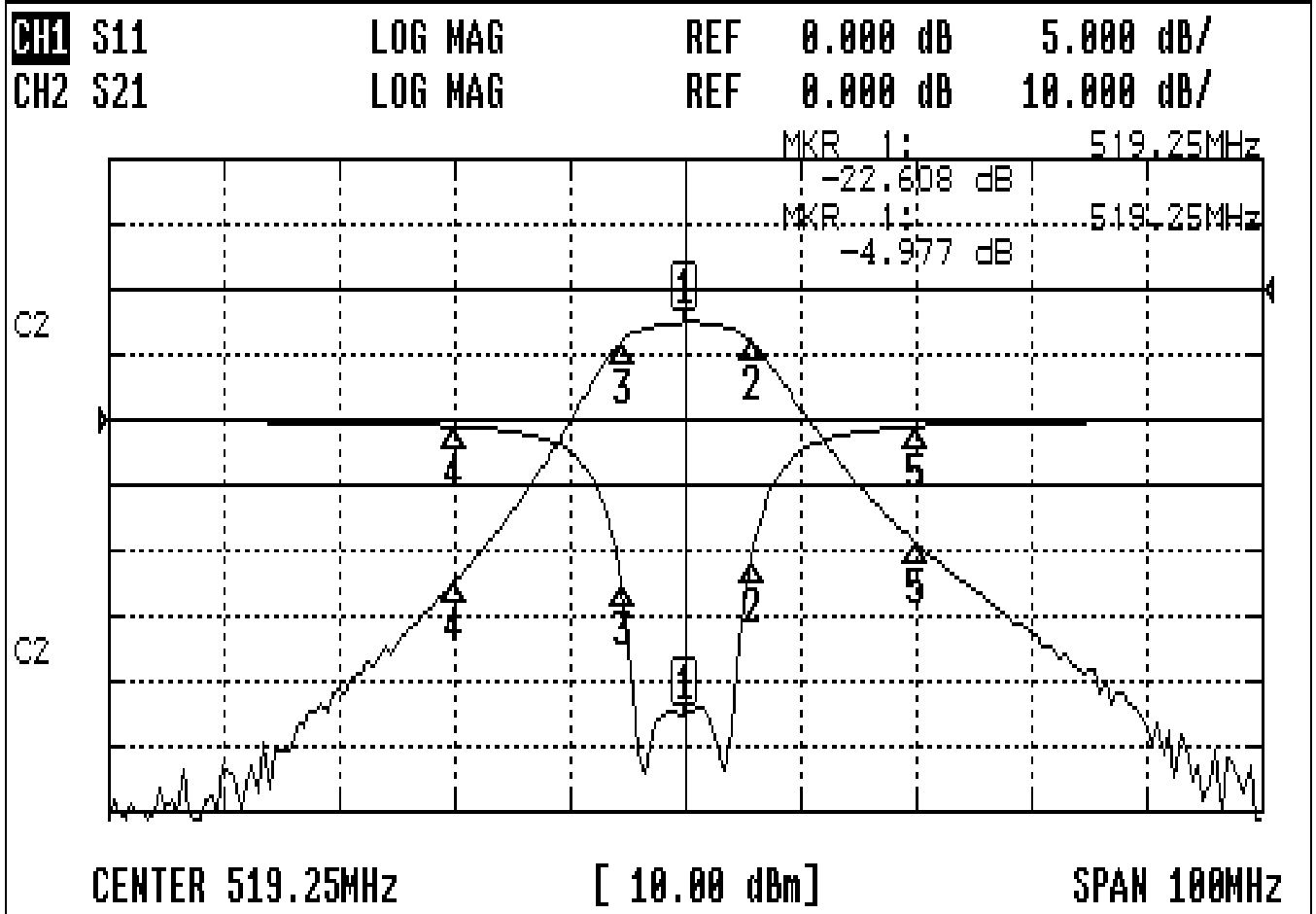


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	W.W.Wang	7H4S(4*5.5.5F)(5.58) 7H046RB4

TEMWELL CORPORATION

Performance-TFL64269F-519.25M

200812115CD



CH1 MARKER LIST

Marker	Frequency (MHz)	Value (dB)
1	519.250	-22.587
2	525.000	-10.965
3	513.750	-12.693
4	499.250	-0.480
5	539.250	-0.480

CH2 MARKER LIST

Marker	Frequency (MHz)	Value (dB)
1	519.250	-4.977
2	525.000	-7.887
3	513.750	-8.020
4	499.250	-44.994
5	539.250	-38.675