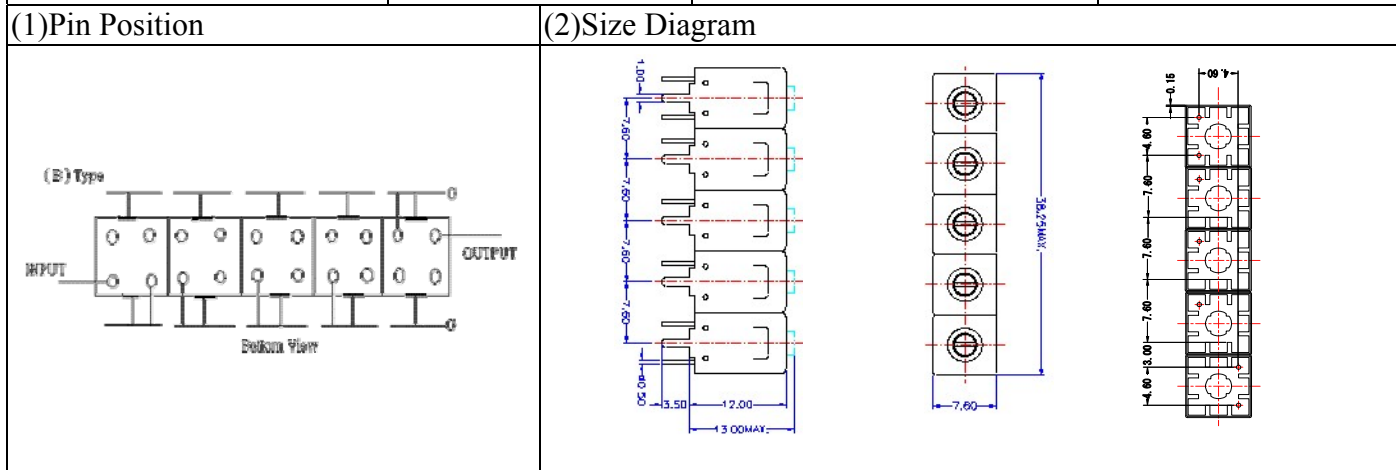


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV6533B-146M-5M
Approval No. /dated	201806020CD	Temwell's Print name.	6533B 146M
Work Instruction No.	201806020CD	Date	Jun.19.2018



(3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	146 MHz	146 MHz	
Insertion Loss	Typ. 6.0 dB	4.73 dB	
-3 dB Bandwidth	Typ. 5 MHz	6.7 MHz	
Sensitivity (Attenuation)	Fo - 10 MHz	Typ. 53 dBc	57 dBc
	Fo + 10 MHz	Typ. 38 dBc	42 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24.8 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

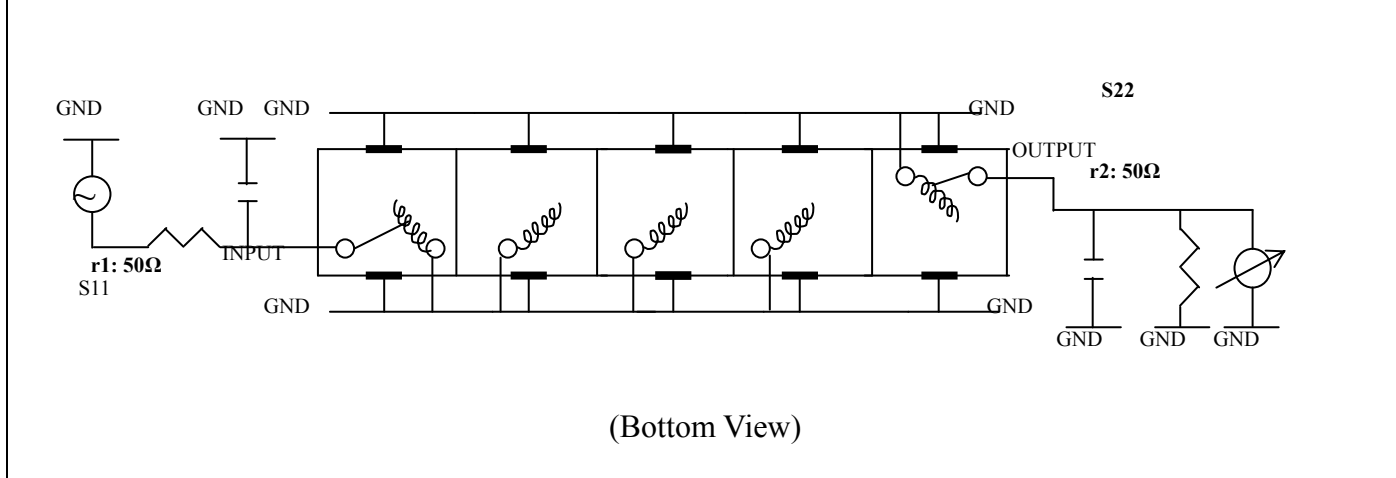
(4)Torque for Tuning Screw > 60gf · cm

(5)Temperature Condition:

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

(6)Input Power > 1 Watt

(7)Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).

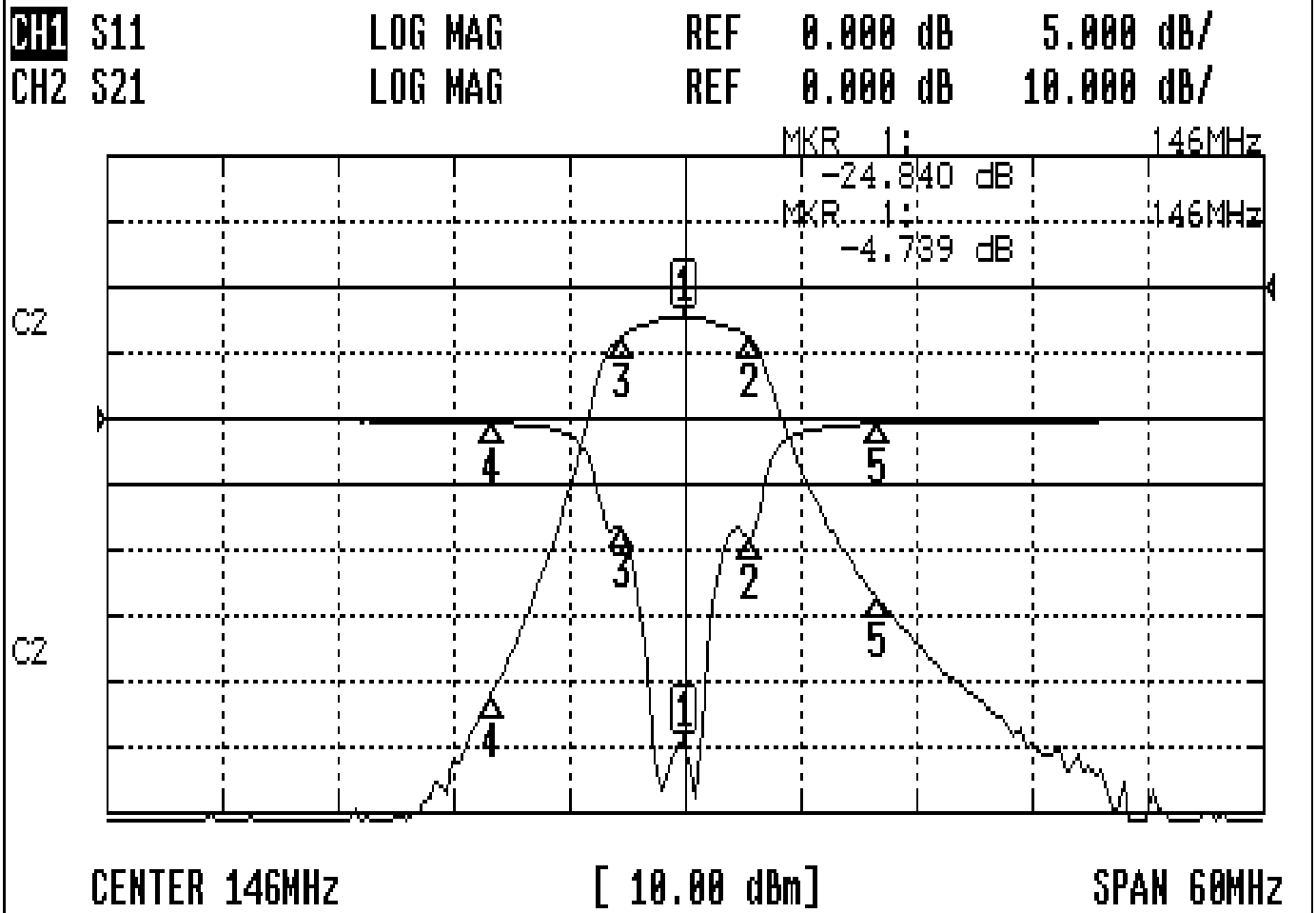


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	M.Y.Kang	7H5S(4*6.5)(6.59) 7H024RB4

TEMWELL CORPORATION

Performance-TV6533B-146M-5M

201806020CD



CH1 MARKER LIST

Marker	Frequency (MHz)	Magnitude (dB)
1	146.000	-24.849
2	149.400	-9.077
3	142.700	-8.366
4	136.000	-0.338
5	156.000	-0.387

CH2 MARKER LIST

Marker	Frequency (MHz)	Magnitude (dB)
1	146.000	-4.739
2	149.400	-7.739
3	142.700	-7.742
4	136.000	-1.915
5	156.000	-47.308