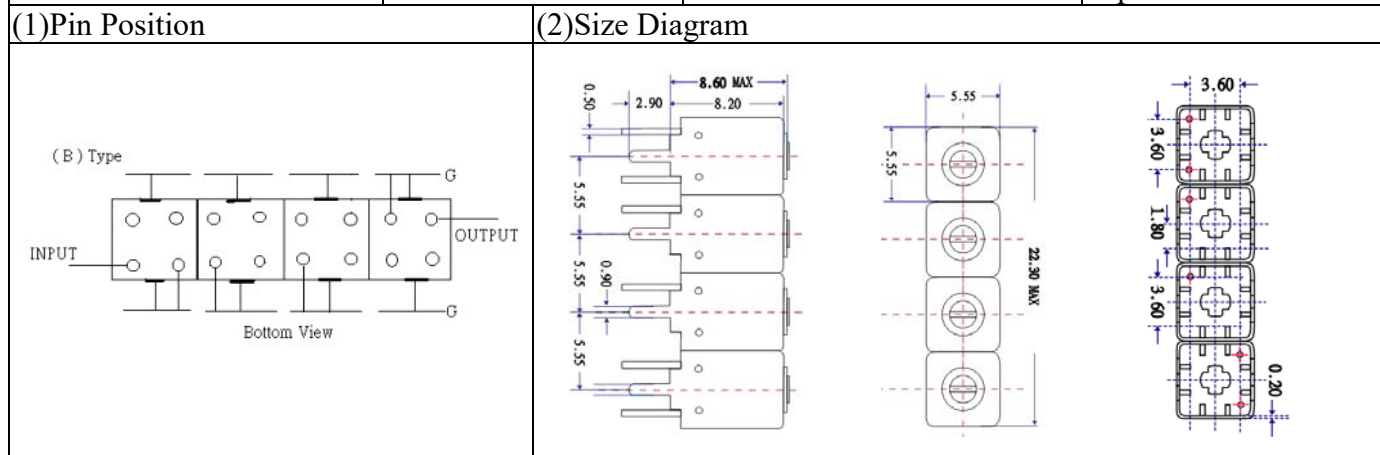


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4863B-2600M
Approval No. /dated		Temwell's Print name	4863B 2600M
Work Instruction No.	202007067CD	Date	Sep.7.2020



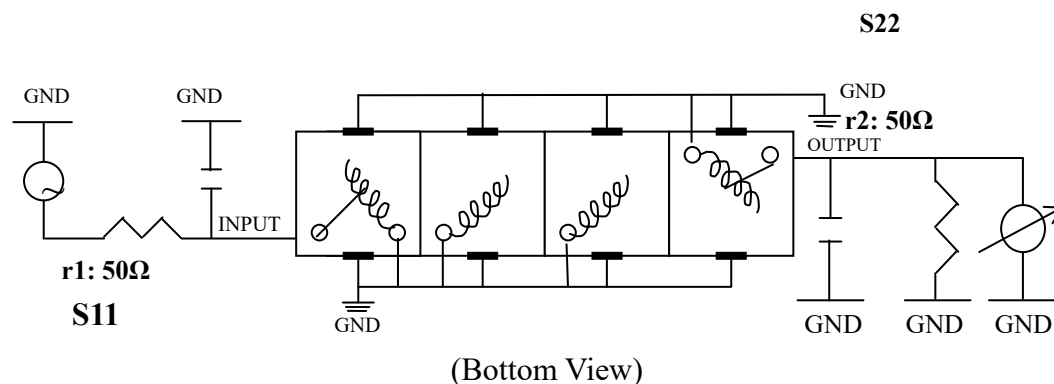
(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2600 MHz	2600	MHz
Insertion Loss	Typ. 3.0 dB	1.93	dB
-3 dB Bandwidth	Typ. 188 MHz	202.2	MHz
Sensitivity (Attenuation)	Fo - 400 MHz	Typ. 51	dBc
	Fo + 400 MHz	Typ. 27	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	28.3	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 > 0.5 Watt

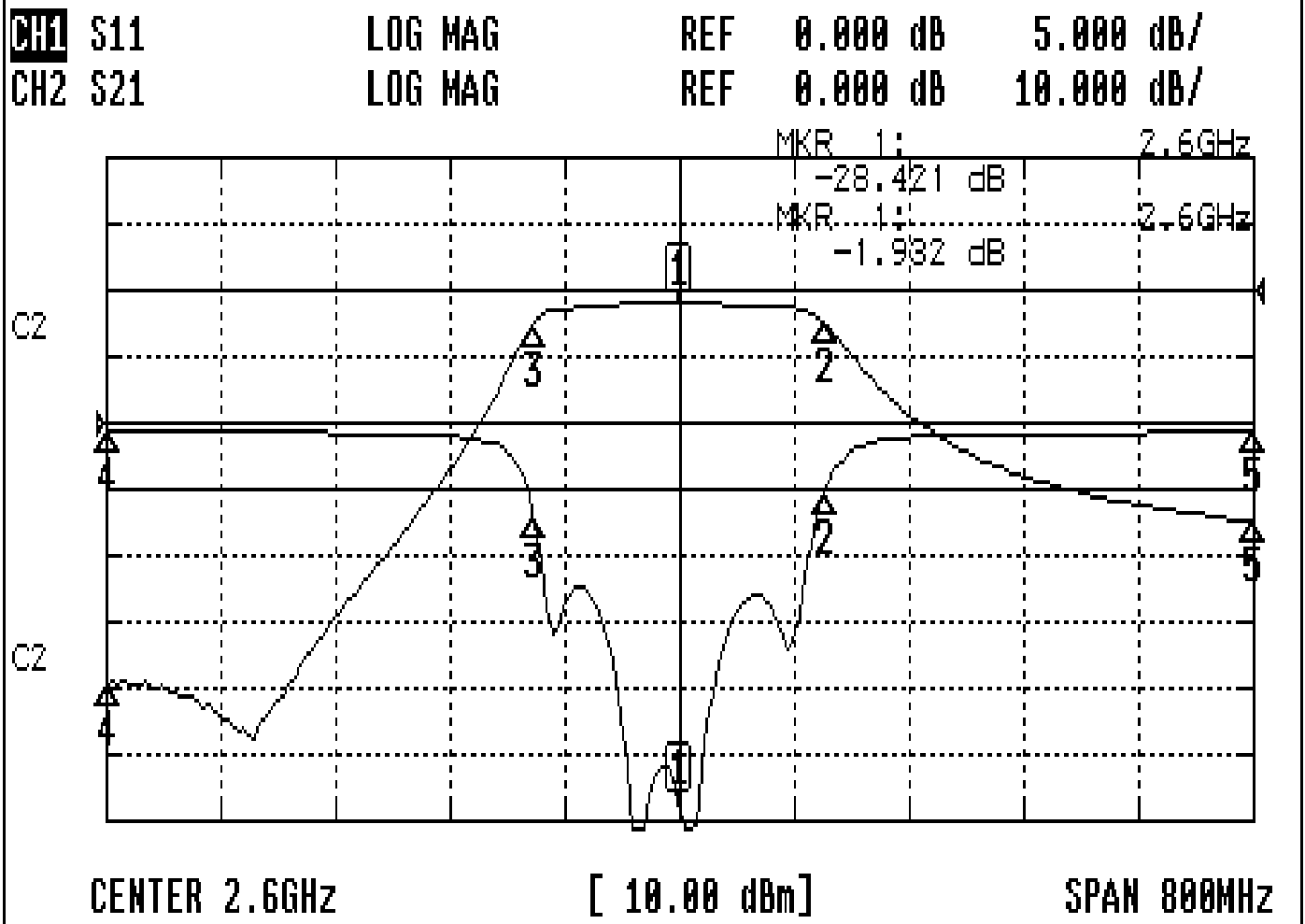
(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*5.1)(5.12) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

Performance-TFW4863B-2600M

202007067CD



CH1 MARKER LIST

1:	2.600	000GHz	-28.397	dB
2:	2.701	333GHz	-5.256	dB
3:	2.499	100GHz	-7.148	dB
4:	2.200	000GHz	-0.576	dB
5:	3.000	000GHz	-0.704	dB

CH2 MARKER LIST

1:	2.600	000GHz	-1.932	dB
2:	2.701	333GHz	-5.002	dB
3:	2.499	100GHz	-4.961	dB
4:	2.200	000GHz	-58.410	dB
5:	3.000	000GHz	-34.805	dB