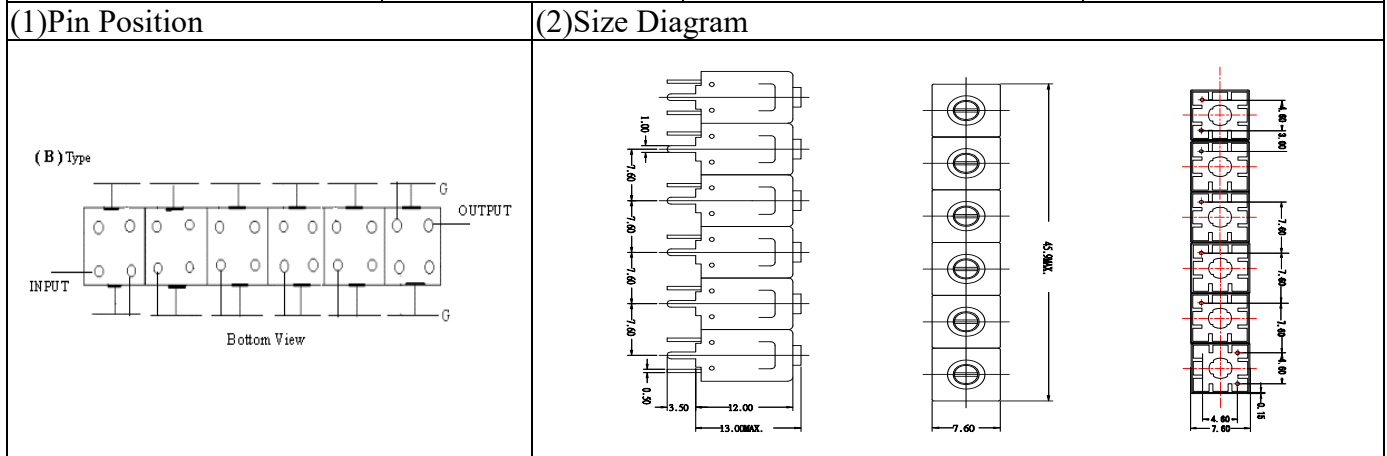


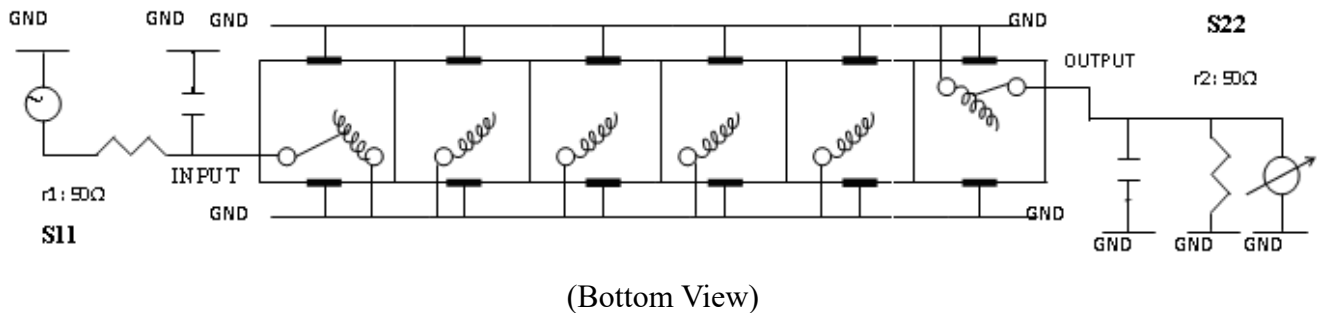
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TS6667B-1429.5M
Approval No. /dated		Temwell's Print name.	6667B 1429.5M
Work Instruction No.	202001011CD	Date	Feb.12.2020



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1429.5 MHz	1429.5	MHz
Insertion Loss	Typ. 14.0 dB	13.0	dB
-3 dB Bandwidth	Typ. 5 MHz	8.5	MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 57	dBc
	Fo + 50 MHz	Typ. 46	dBc
	Fo - ( )MHz	Typ.	dBc
	Fo +( )MHz	Typ.	dBc
Return Loss	Min. 12 dB	34.3	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	> 1Watt		

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



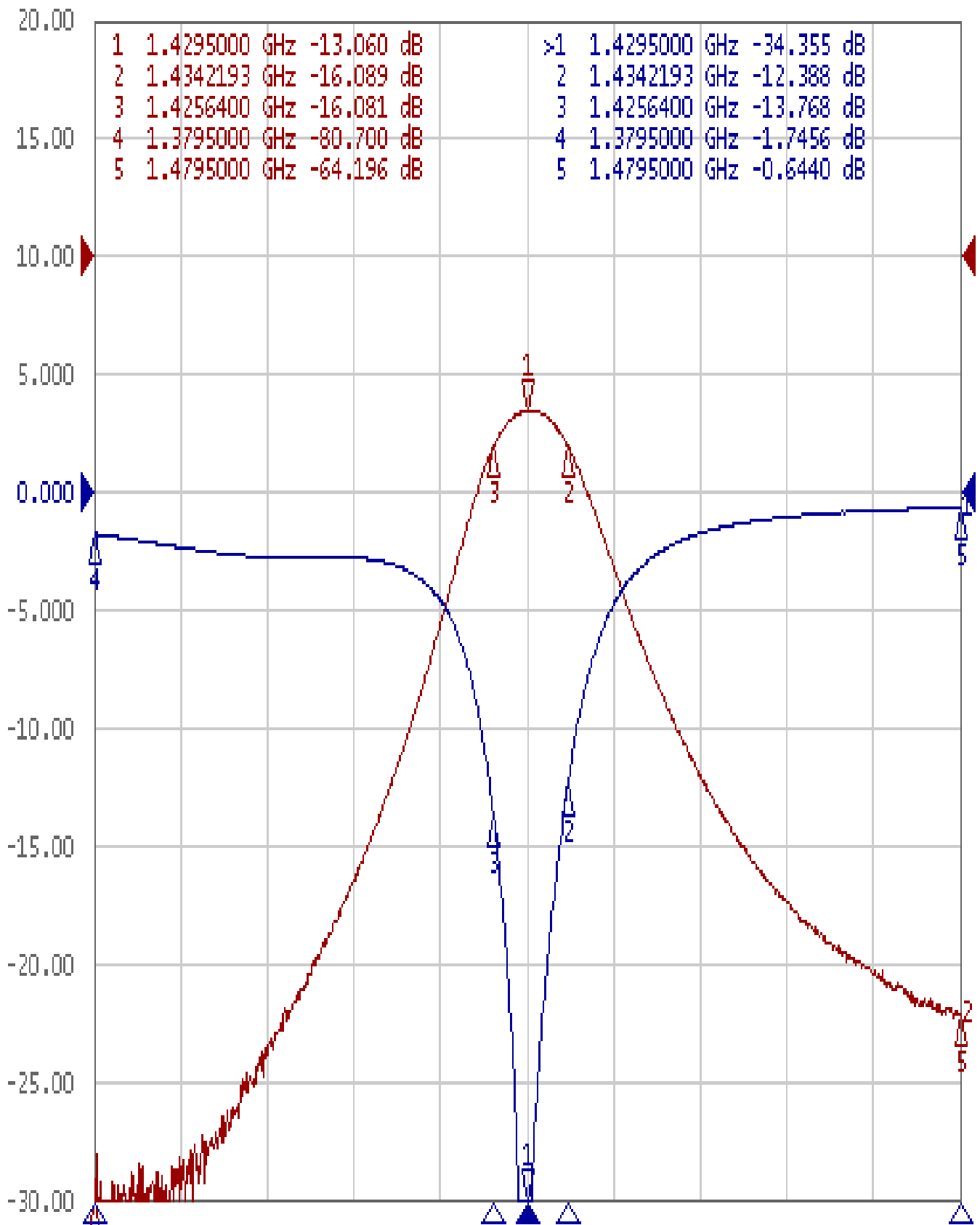
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	7H6S(4*4.65)(4.67) 7H046RB5.5(左) (J1) 7H046RB4.3 聚 3(中)

TEMWELL CORPORATION

# Performance-TS6667B-1429.5M

## 202001011CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 1.4295 GHz      IFBW 10 kHz      Span 100 MHz      Cor