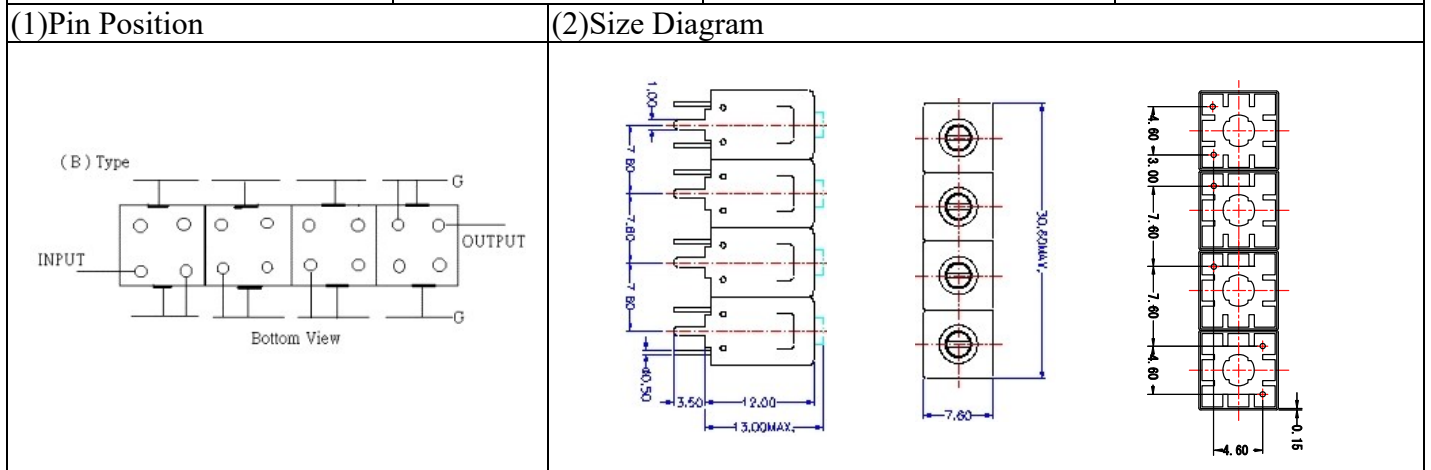


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69409B1-455M
Approval No. /dated	201703034CD	Temwell's Print Name	69409B1 455M
Work Instruction No.	201703034CD	Date	Mar.10.2017



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	455 MHz	455 MHz	
Insertion Loss	Typ. 2.0 dB	0.95 dB	
-3 dB Bandwidth	Typ. 60 MHz	65.5 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 50 dBc	55 dBc
	Fo +100 MHz	Typ. 33 dBc	38 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	27.6 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

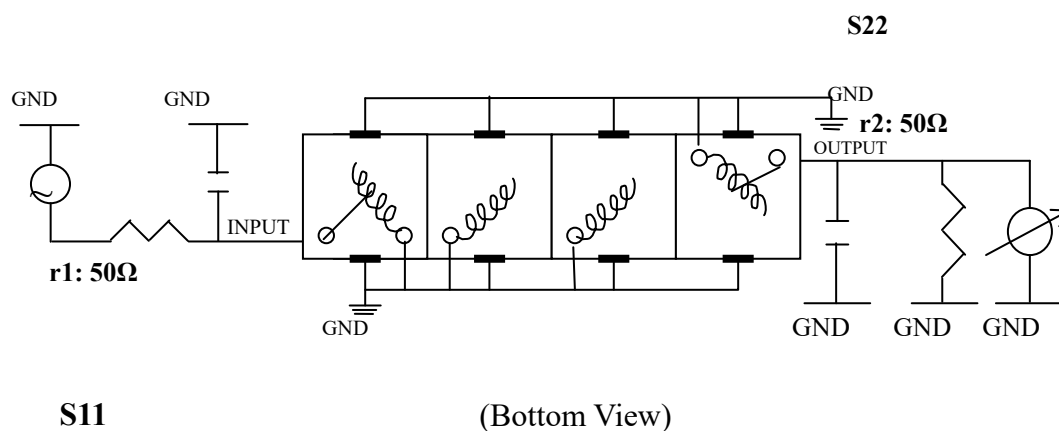
(4) Torque for Tuning Screw > 60gf · cm

(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	W.W.Wang	7H4S(4*7.35)(7.38) 7H046LB5.5

TEMWELL CORPORATION

TEMWELL Form10-7H4B Vision D

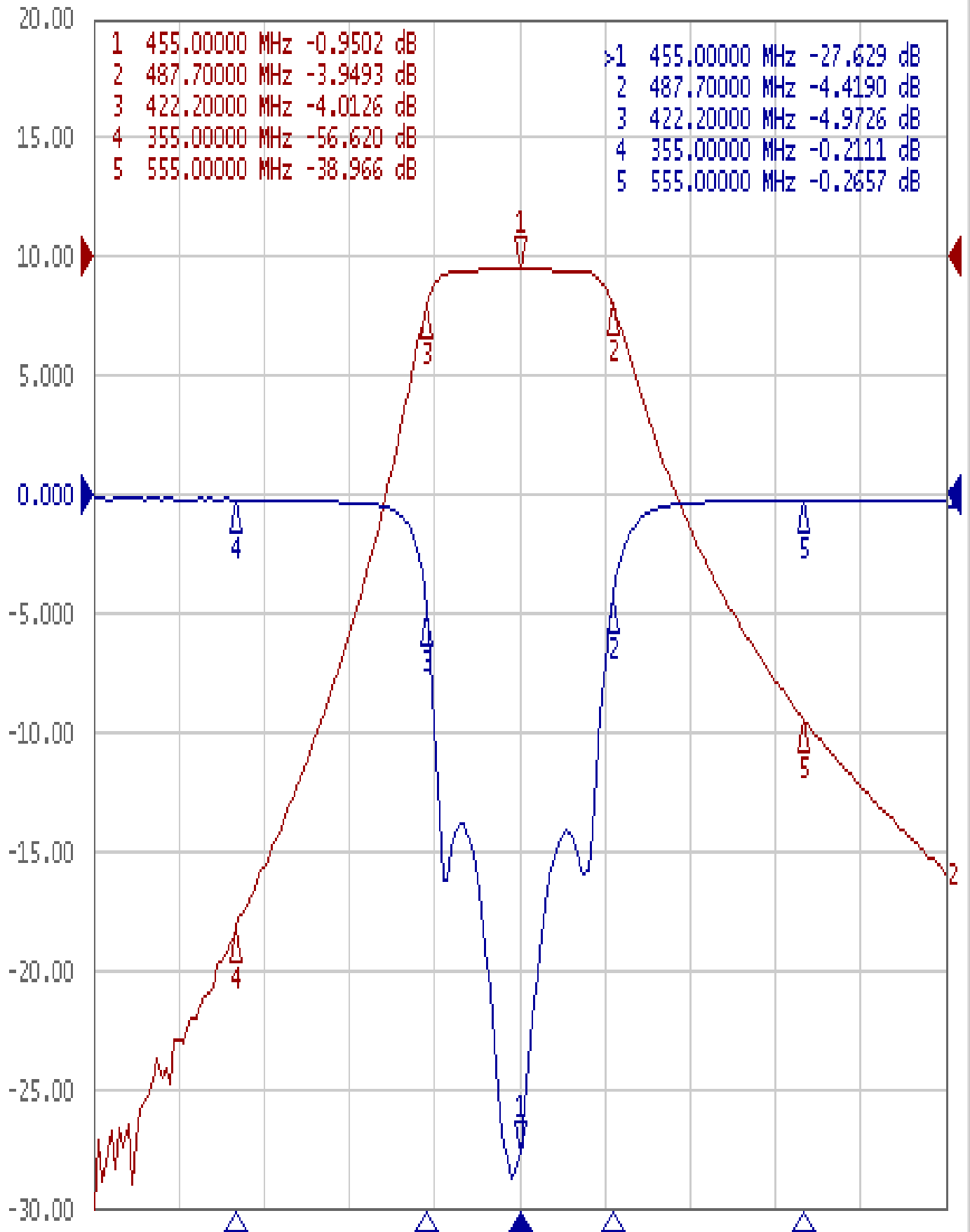
RP (w.w.w)

Performance-TF69409B1-455M

201703034CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]

Tr2 S21 Log Mag 10.000dB/ Ref 0.000dB [F2]



1 Center 455 MHz

IFBW 70 kHz

Span 300 MHz Cor !