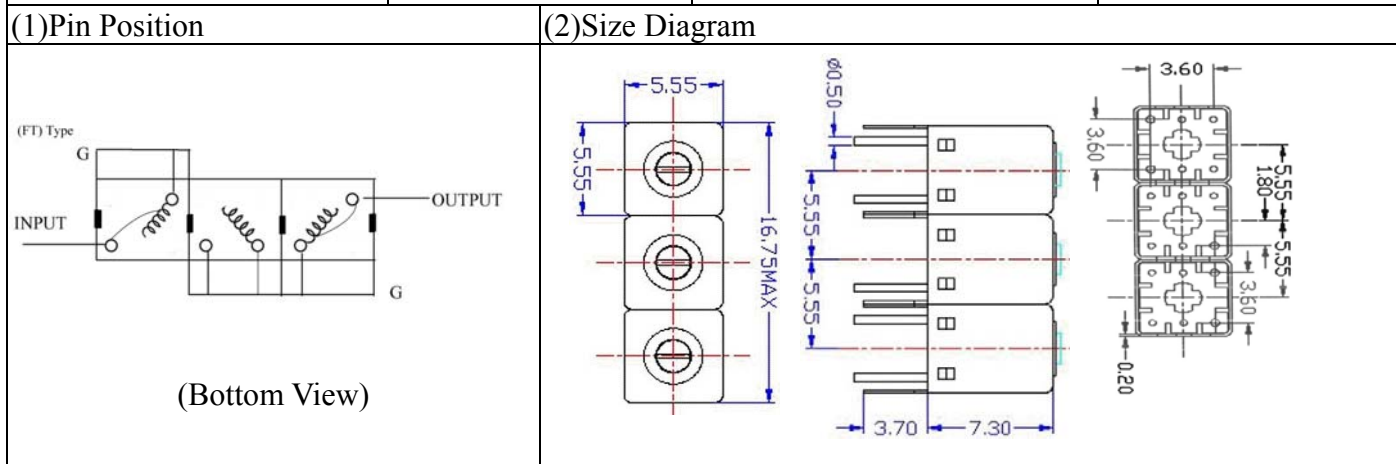


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTR3902FT-460M
Approval No. /dated		Temwell's Print Name	3902FT 460M
Work Instruction No.	201102036BD	Date	Jan.27.2011



(3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.75 %	460 MHz	460 MHz	
Insertion Loss	Typ. 4.5 dB	3.32 dB	
-3 dB Bandwidth	Typ. 10 MHz	15.0 MHz	
Sensitivity (Attenuation)	Fo - 40 MHz	Typ. 40 dB	50 dB
	Fo + 40 MHz	Typ. 30 dB	34 dB
	Fo - ( )MHz	Typ. dB	dB
	Fo +( )MHz	Typ. dB	dB
Return Loss	Min. 12 dB	24.3 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

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

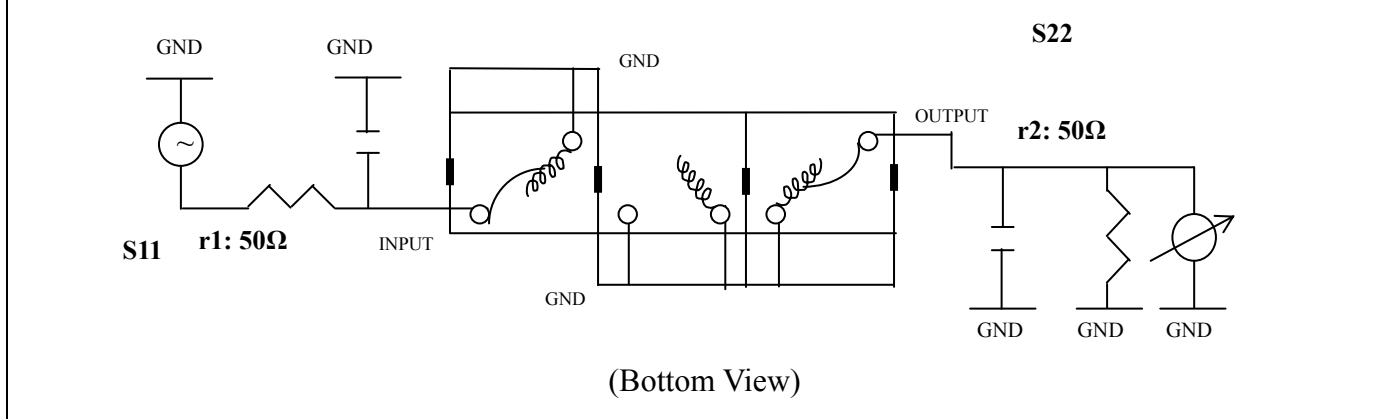
(5)Temperature Condition:

Operating Temperature	-20°C ~ +70°C
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Storage Temperature	-30°C ~ +85°C
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(6)Input Power > 0.5Watt

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



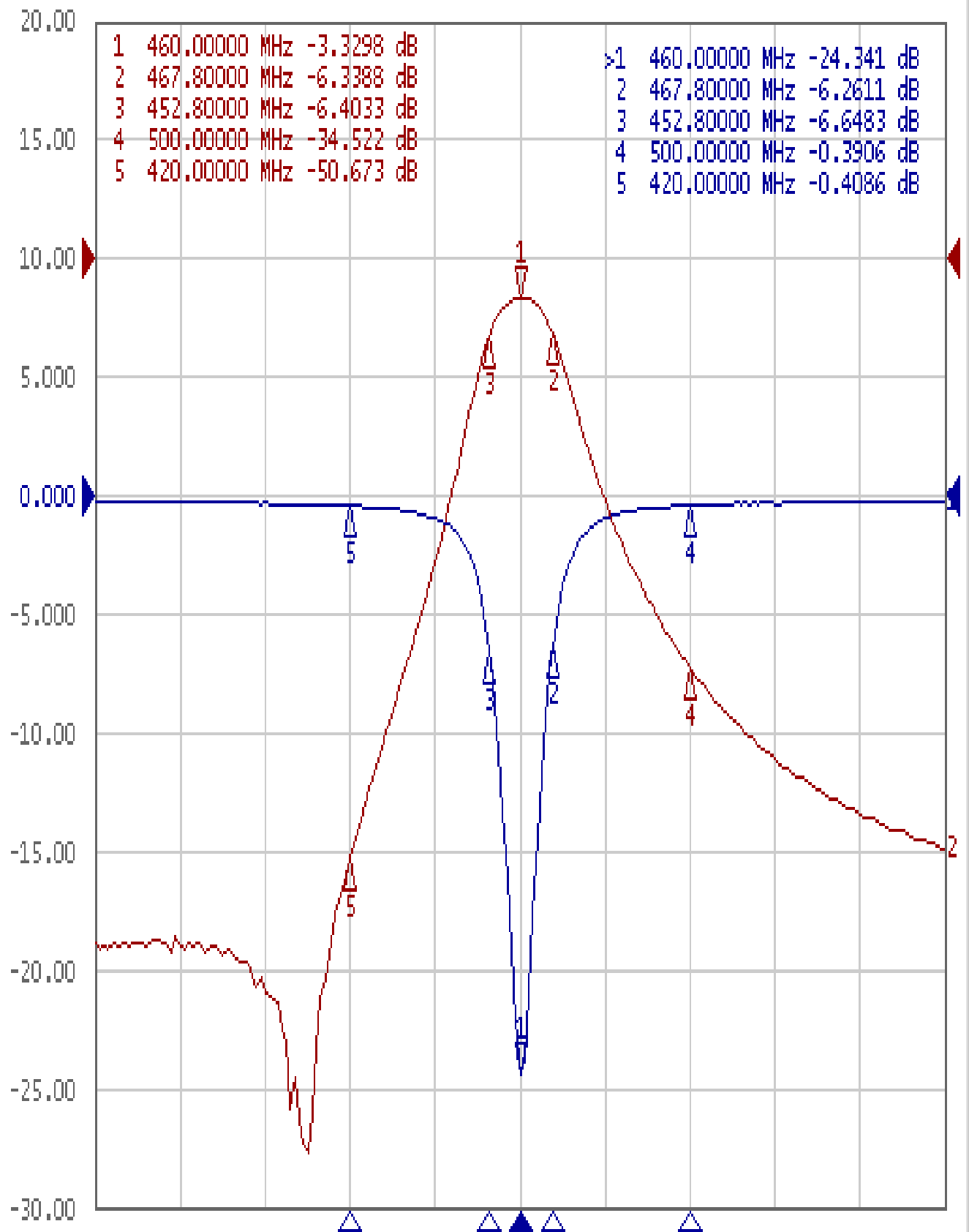
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	P.H.Chiang	5R3S(3.8*3.65)(3.70) 5HW024LB3

TEMWELL CORPORATION

# Performance-TTR3902FT-460M

## 201102036BD

▶ [F1] S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 460 MHz

IFBW 70 kHz

Span 200 MHz Cor !