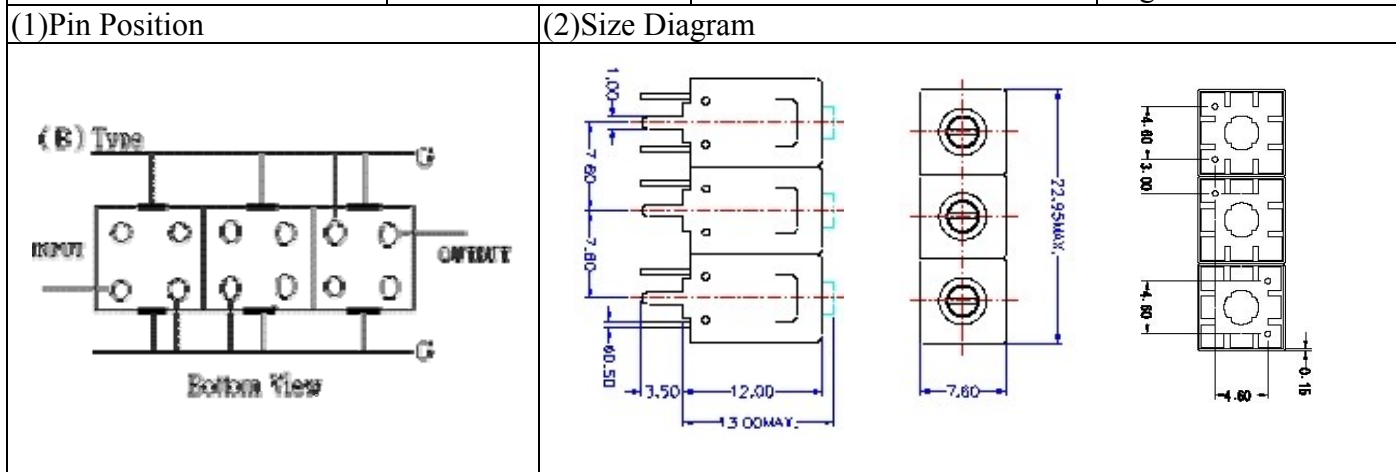


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT6389B1-74M
Approval No. /dated	201008035CD	Temwell's Print name.	6389B1 74M
Work Instruction No.	201008035CD	Date	Aug.02.2010



(3) Electric Characteristic

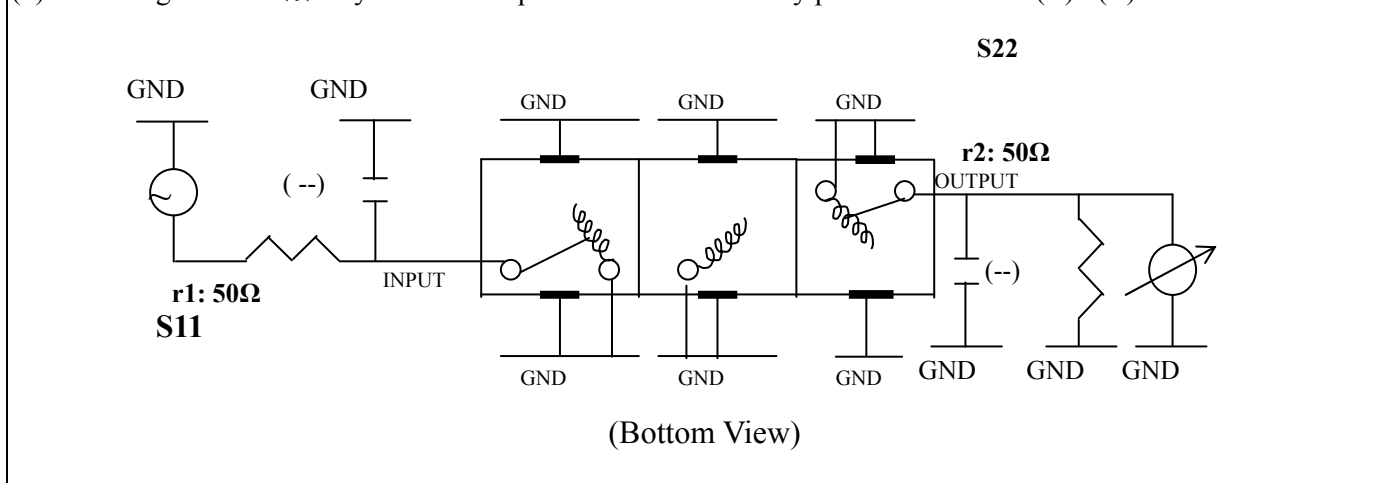
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	74 MHz	74 MHz
Insertion Loss	Typ. 3.0 dB	2.36 dB
-3 dB Bandwidth	Typ. 7.0 MHz	8.7 MHz
Sensitivity (Attenuation)	Fo - (20) MHz	Typ. 38 dBc
	Fo + (20) MHz	Typ. 35 dBc
	Fo - ( ) MHz	Typ. dBc
	Fo + ( ) MHz	Typ. dBc
Return Loss	Min. 12 dB	30.2 dB
Ripple	< 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

(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	7H3S(4*5.5)(5.60) 7H00LB6

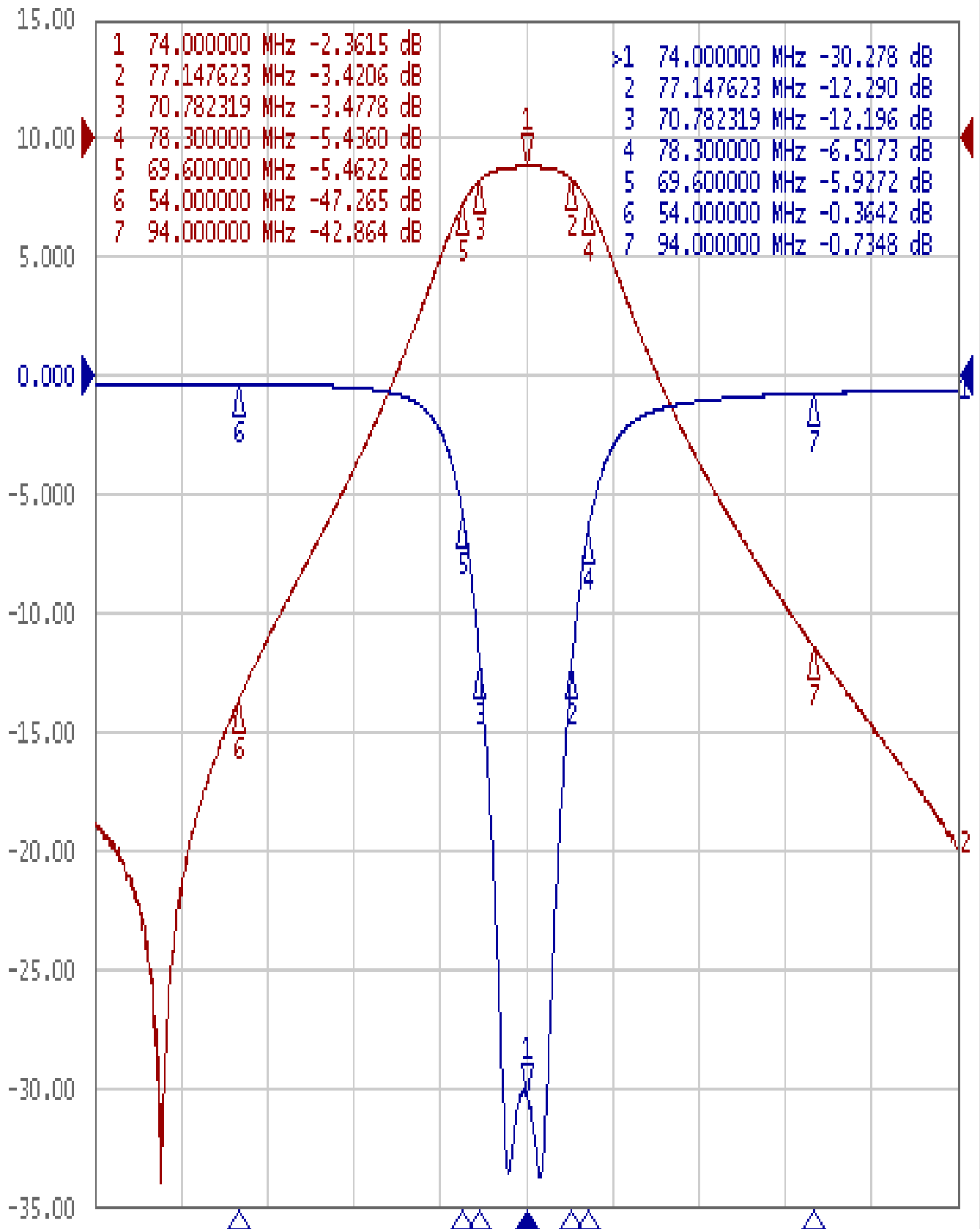
TEMWELL CORPORATION

# Performance-TT6389B1-74M

## 201008035CD

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

Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 74 MHz

IFBW 10 kHz

Span 60 MHz Cor !