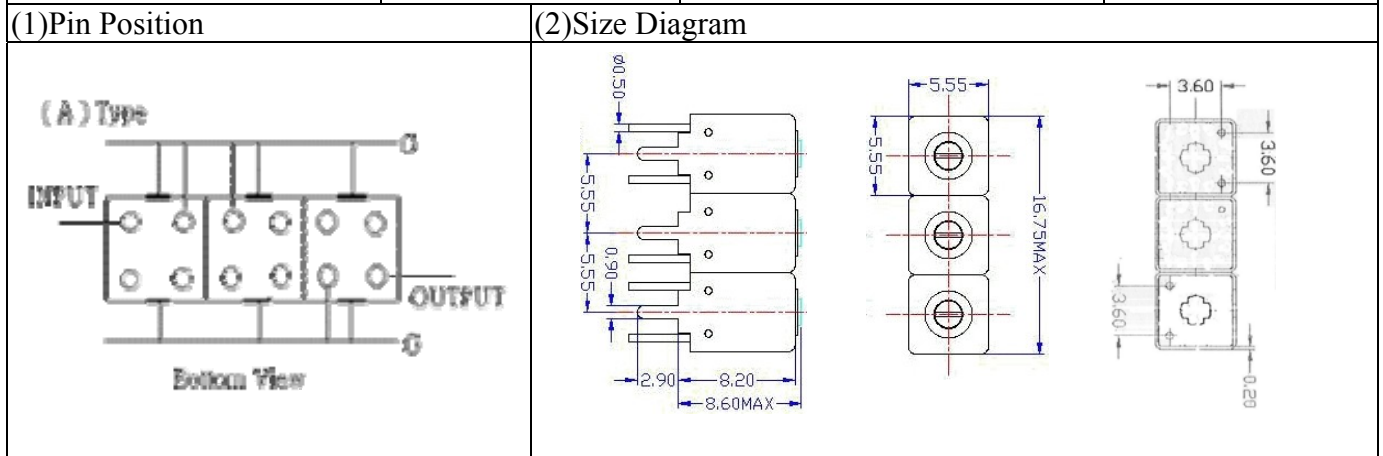
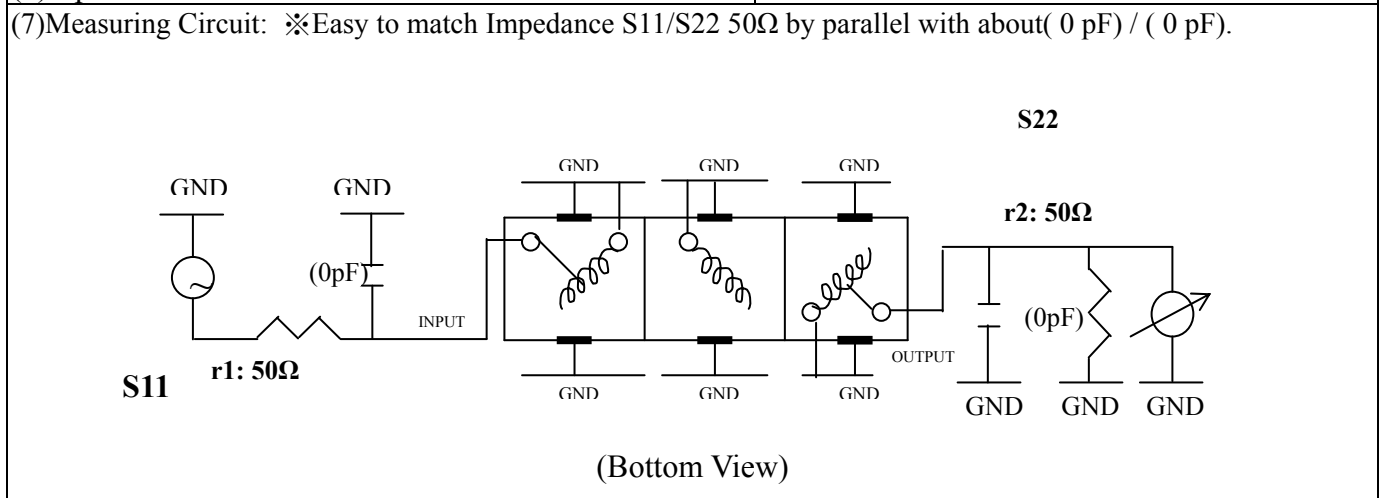


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTW3890A-425M
Approval No. /dated	0806019CD	Acceptable Specify Fo Range	401~450MHz
Work Instruction No.	0806019CD	Date	June.13.2007



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		425 MHz	425 MHz
Tunable Range:		425±5 MHz	425±5 MHz
Insertion Loss		Typ 4.5 dB	3.41 dB
-3 dB Bandwidth		Typ. 10 MHz	14.1 MHz
Sensitivity (Attenuation)	Fo -50 MHz	Typ. 56 dBc	59 dBc
	Fo +50 MHz	Typ. 42 dBc	45 dBc
	Fo -()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	21.4 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 50Ω	In / Out : 50Ω
(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		>0.5Watt	

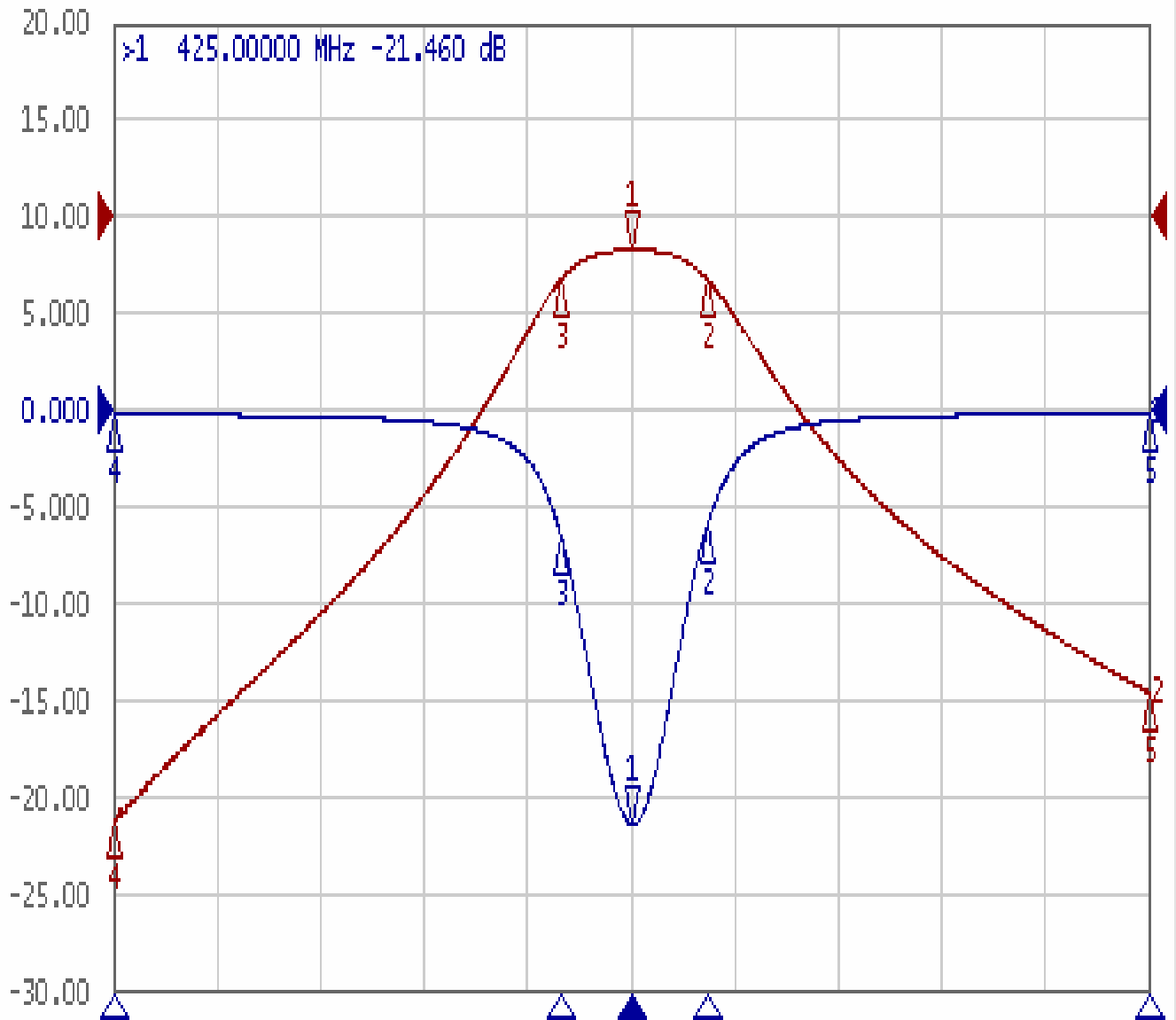


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5w3(3.8*3.5) 5HW020RB3.5
TEMWELL CORPORATION			

Performance-TTW3890A-425M

0806019CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F3]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F3]



1 Center 425 MHz

IFBW 10 kHz

Span 100 MHz



Ch1	Tr1	S11	>1	425.00000	MHz	-21.462	dB
Ch1	Tr1	S11	2	432.35400	MHz	-5.9410	dB
Ch1	Tr1	S11	3	418.22700	MHz	-6.5380	dB
Ch1	Tr1	S11	4	375.00000	MHz	-0.2084	dB
Ch1	Tr1	S11	5	475.00000	MHz	-0.1848	dB
Ch1	Tr2	S21	1	425.00000	MHz	-3.4177	dB
Ch1	Tr2	S21	2	432.35400	MHz	-6.4818	dB
Ch1	Tr2	S21	3	418.22700	MHz	-6.4735	dB
Ch1	Tr2	S21	4	375.00000	MHz	-62.677	dB
Ch1	Tr2	S21	5	475.00000	MHz	-49.232	dB