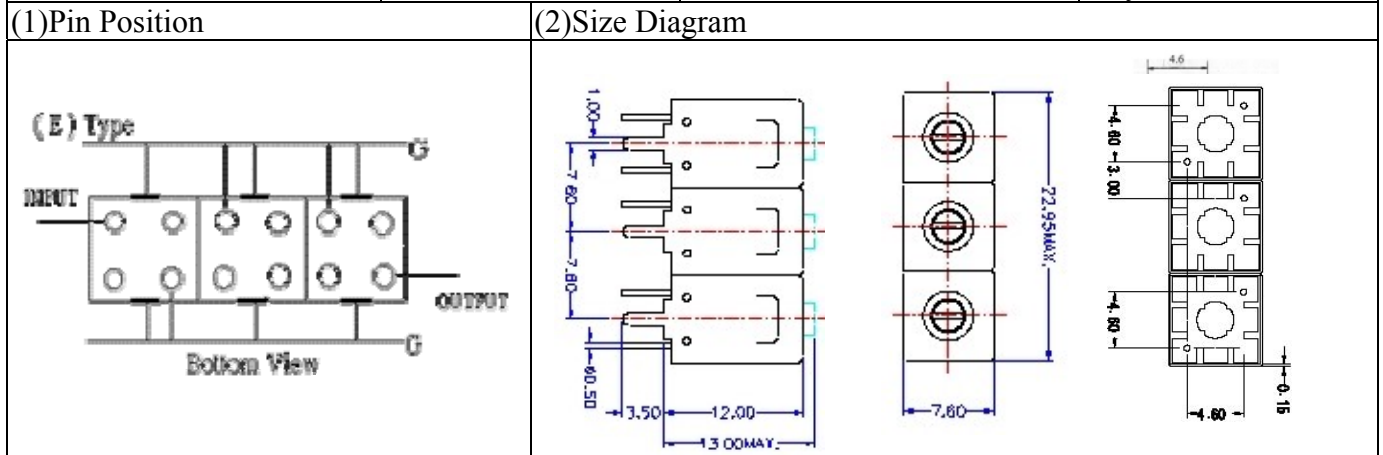


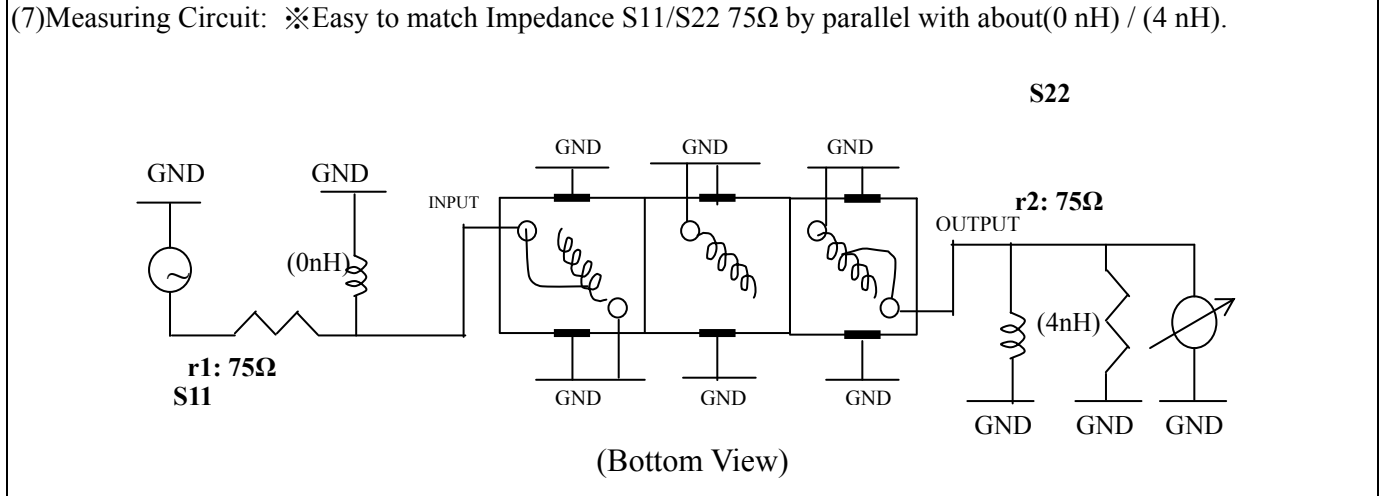
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL6324E-533M
Approval No. /dated	0805040CD	Customer's Part No.	6324E 533M
Work Instruction No.	0805040CD	Date	May.14.2008



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		533 MHz	533 MHz
Tunable Range:		533±5 MHz	533±5 MHz
Insertion Loss		Typ. 5.0 dB	3.96 dB
-3 dB Bandwidth		Typ. 7 MHz	9.5 MHz
Sensitivity (Attenuation)	Fo - 15 MHz	Typ. 20 dB	23 dB
	Fo + 15 MHz	Typ. 21 dB	24 dB
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	21.6 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 75 Ω	In / Out : 75 Ω
(4) Torque for Tuning Screw		> 100gf · cm	

(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6) Input Power	> 1Watt



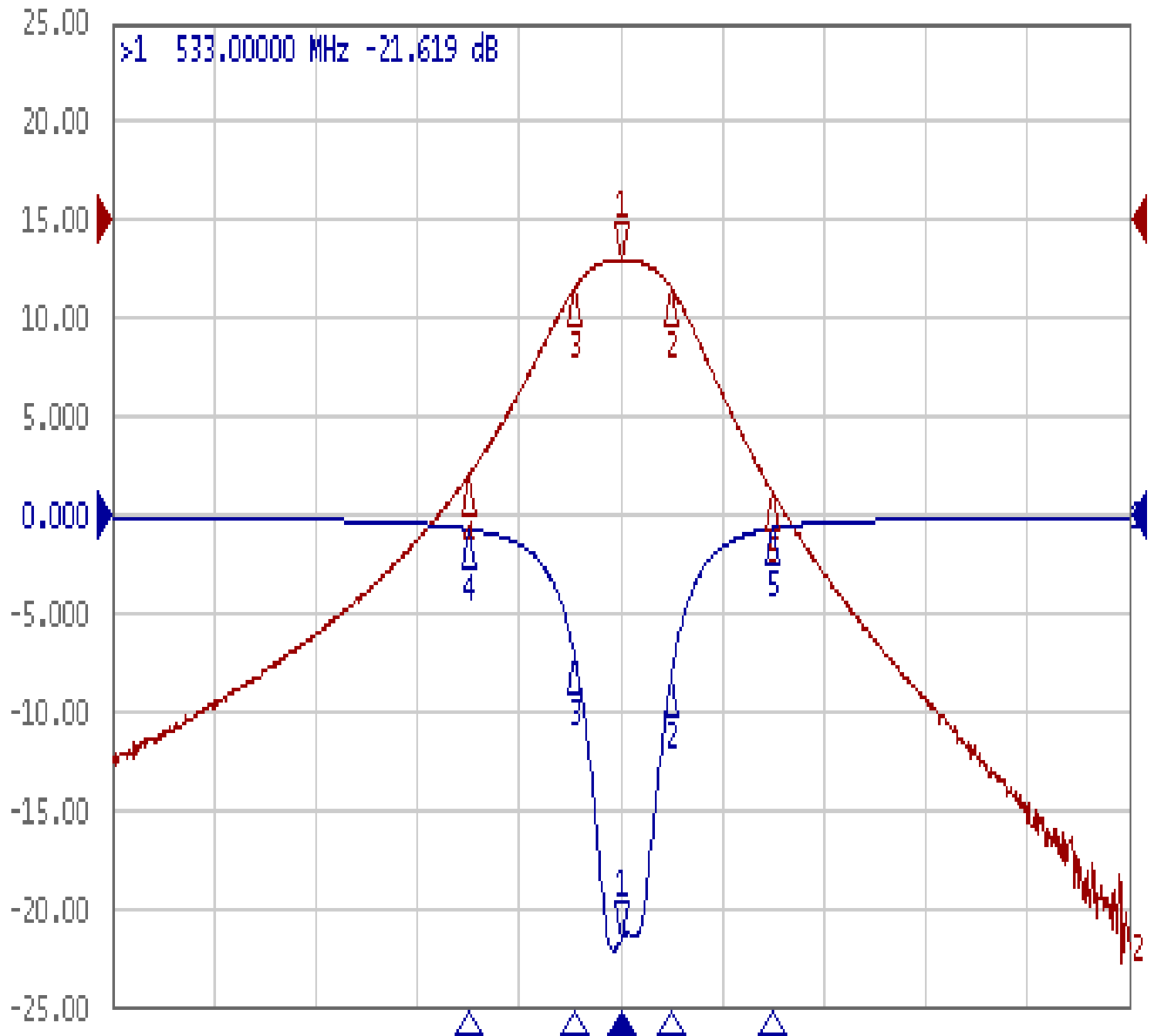
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3(4*4.5) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TTL6324E-533M

0805040CD

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



1 Center 533 MHz

IFBW 10 kHz

Span 100 MHz



Ch1	Tr1	S11	>1	533.00000	MHz	-21.619	dB
Ch1	Tr1	S11	2	537.95400	MHz	-8.2860	dB
Ch1	Tr1	S11	3	528.45675	MHz	-7.1666	dB
Ch1	Tr1	S11	4	518.00000	MHz	-0.7167	dB
Ch1	Tr1	S11	5	548.00000	MHz	-0.6625	dB
Ch1	Tr2	S21	1	533.00000	MHz	-3.9661	dB
Ch1	Tr2	S21	2	537.95400	MHz	-6.9353	dB
Ch1	Tr2	S21	3	528.45675	MHz	-6.9138	dB
Ch1	Tr2	S21	4	518.00000	MHz	-26.009	dB
Ch1	Tr2	S21	5	548.00000	MHz	-27.845	dB