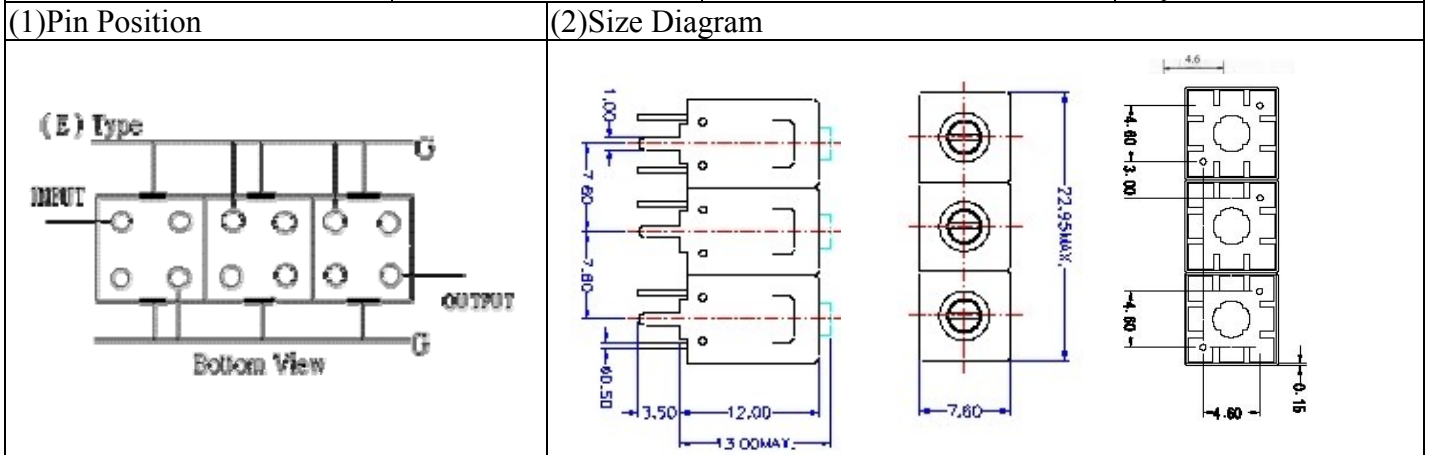


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL6327E-581M
Approval No. /dated	0805043CD	Customer's Part No.	6327E 581M
Work Instruction No.	0805043CD	Date	May.14.2008



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	581 MHz	581 MHz	
Tunable Range:	581±5 MHz	581±5 MHz	
Insertion Loss	Typ. 5.0 dB	4.16 dB	
-3 dB Bandwidth	Typ. 6 MHz	9.5 MHz	
Sensitivity (Attenuation)	Fo - 15 MHz	Typ. 17 dB	20 dB
	Fo + 15 MHz	Typ. 20 dB	23 dB
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	28.6 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	

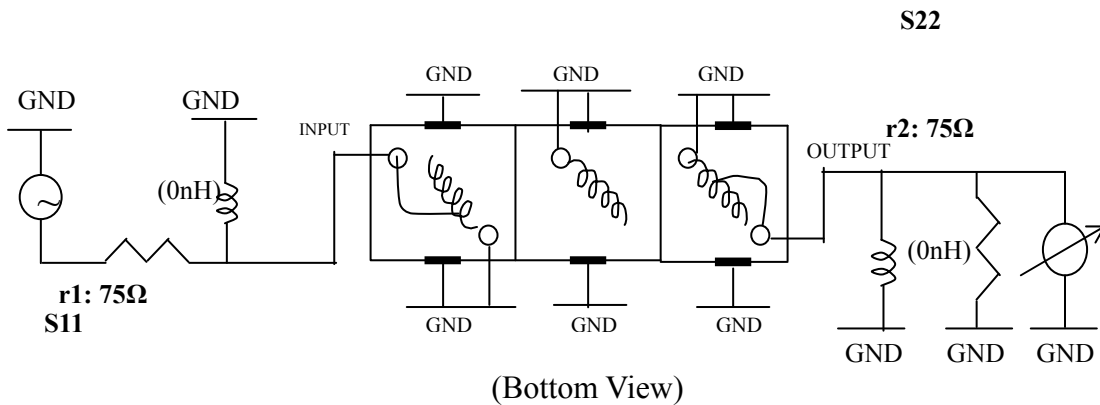
(4) Torque for Tuning Screw > 100gf · cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 75Ω by parallel with about(0 nH) / (0 nH).



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

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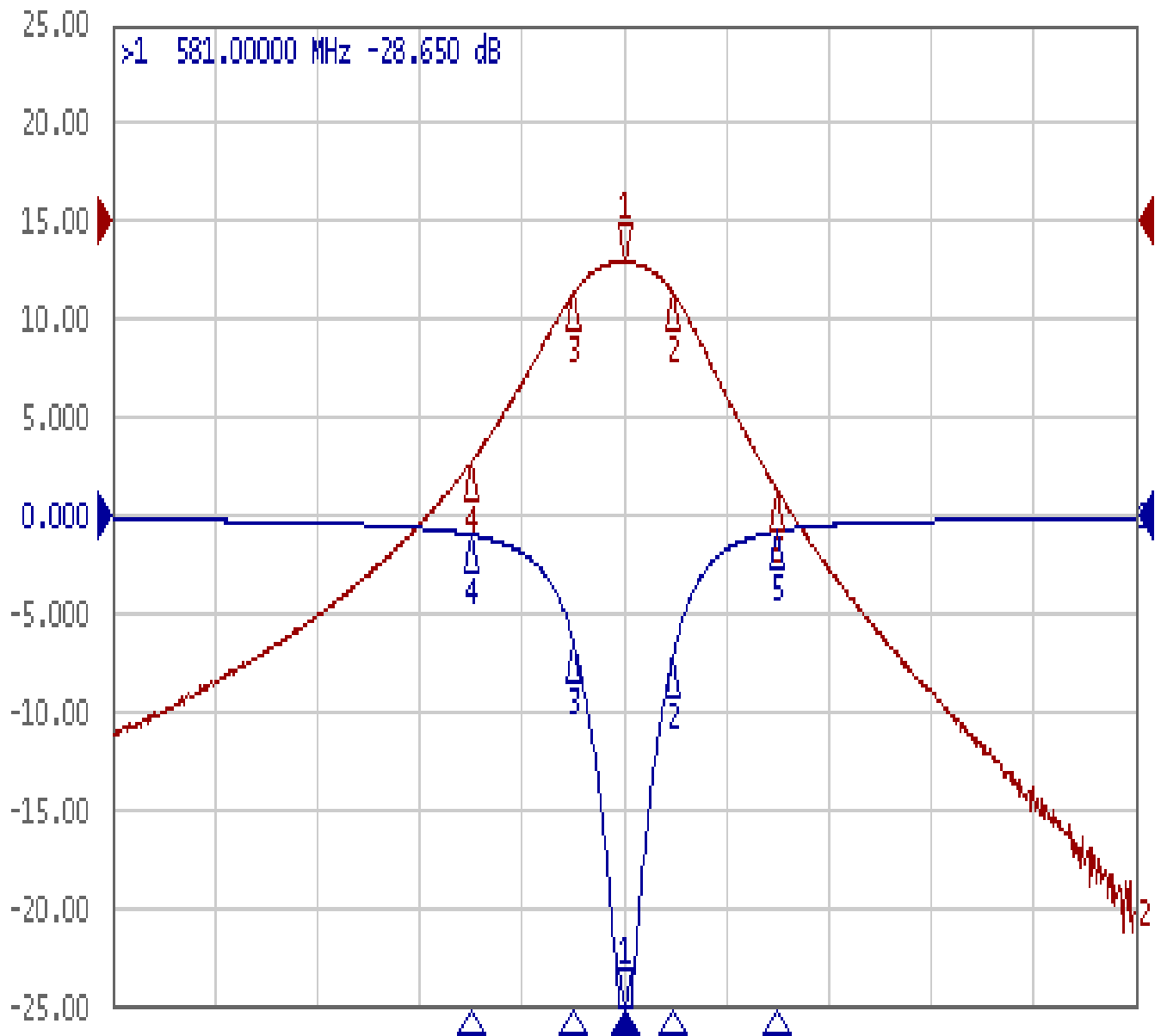
Form10-7H3E Vision D

RP:C.S.Chang

Performance-TTL6327E-581M

0805043CD

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



1 Center 581 MHz

IFBW 10 kHz

Span 100 MHz

Sim C?

Ch1	Tr1	S11	>1	581.00000	MHz	-28.650	dB
Ch1	Tr1	S11	2	585.67325	MHz	-7.4093	dB
Ch1	Tr1	S11	3	576.11625	MHz	-6.5961	dB
Ch1	Tr1	S11	4	566.00000	MHz	-0.9945	dB
Ch1	Tr1	S11	5	596.00000	MHz	-0.8037	dB
Ch1	Tr2	S21	1	581.00000	MHz	-4.1656	dB
Ch1	Tr2	S21	2	585.67325	MHz	-7.1641	dB
Ch1	Tr2	S21	3	576.11625	MHz	-7.2450	dB
Ch1	Tr2	S21	4	566.00000	MHz	-24.617	dB
Ch1	Tr2	S21	5	596.00000	MHz	-27.558	dB