

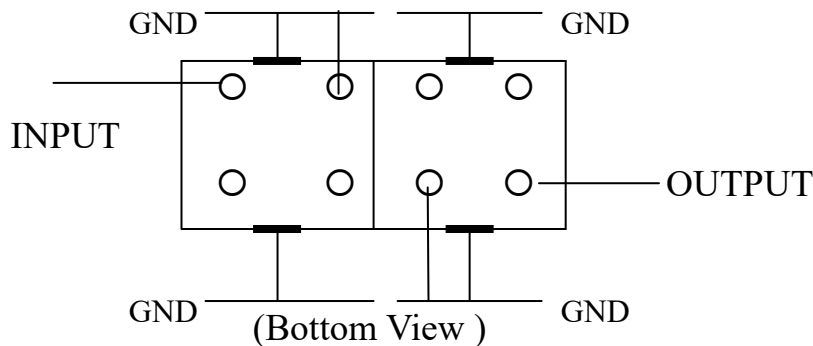
T E M W E L L

Customized UHF SHF Filter & Miniature Duplexer

VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS6150A-1090M
Approval No. /dated		Customer's Part No.	
Work Instruction No.	201205073B	Date	Dec.10.2007
<input type="checkbox"/> Buyer Print name		Temwell's print name	6150A 1090M
Case Name	5HS2	Case size :	
Terminator Type	A		

* Pin Position (Pin Connection) diagram as following
(A) Type



(3) Electric Characteristic

Item	Specify
Center Freq.(Fo) +/- 0.5 %	1090 MHz
Insertion Loss	Typ. 4.5 dB
-3 dB Bandwidth	Typ. 25 MHz
Sensitivity (Attenuation)	Fo - 100 MHz Typ. 35 dBc
	Fo + 100 MHz Typ. 26 dBc
	Fo - () MHz Typ. dBc
	Fo +() MHz Typ. dBc
Return Loss	Min. 12 dB
Ripple	< 1 dB
Group Delay	ns
Impedance	In / Out : 50 Ω
Torque for Tuning Screw	> 60gf · cm

4. Temperature Condition:

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

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Y.H.Yeh	5HS2 (4*3.5) 5HP

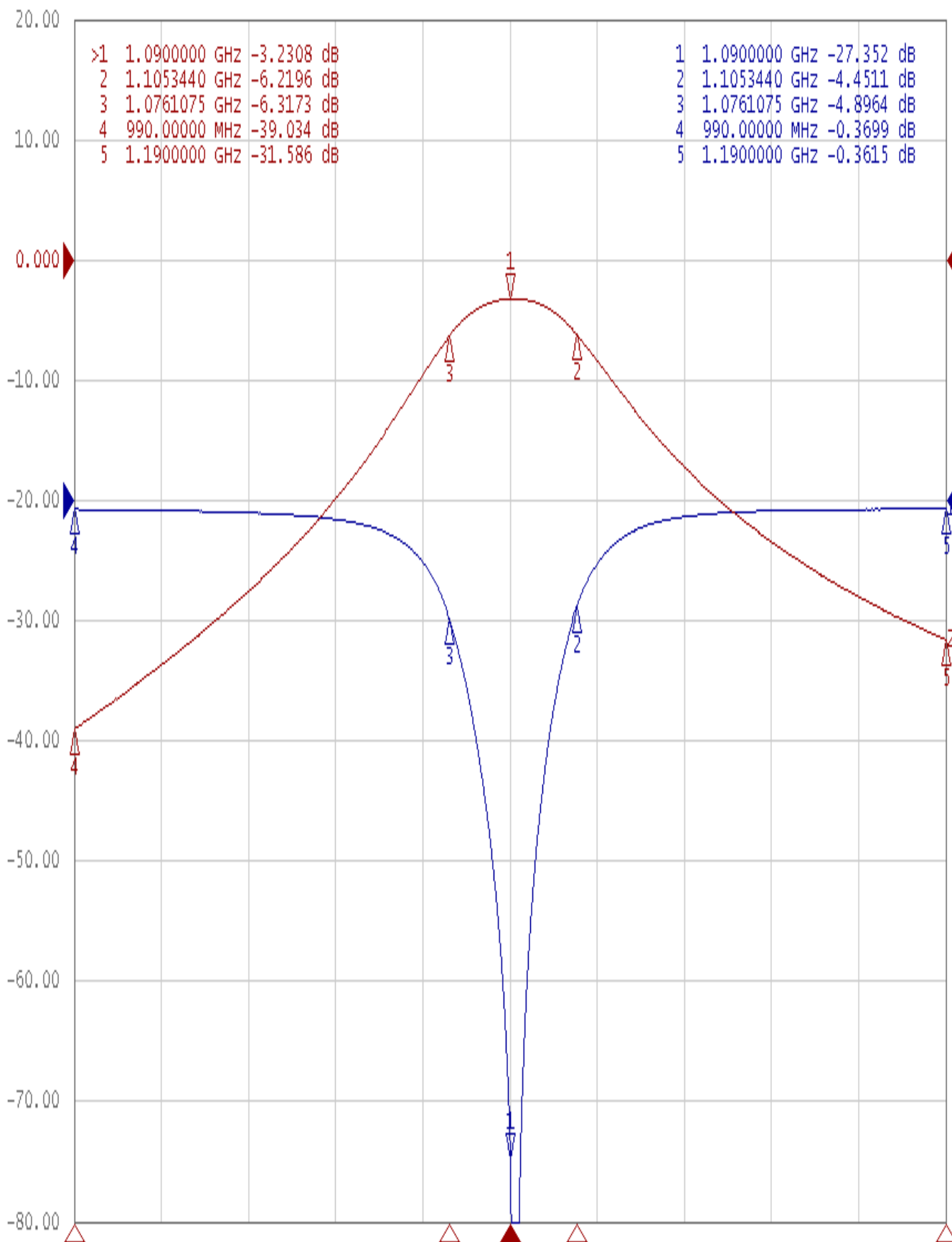
TEMWELL CORPORATION

RP(P-H)

Performance-TDS6150A-1090M

201205073B

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



1 Center 1.09 GHz IFBW 70 kHz Span 200 MHz Cor |