

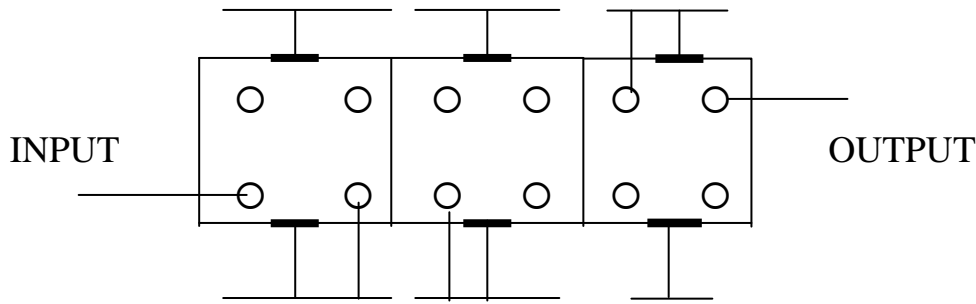
VHF UHF Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TT67188B1-280M
Approval No. /dated	20305036DC	Customer's Part No.	276~310M
Work Instruction No.	20305036DC	Date	May,27,2003
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H3S	Case size : (mm)	
Terminator Type	B		

* Pin Position (Pin Connection) diagram as following

(B) Type



(Bottom View)

(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	280 MHz	280 MHz
Insertion Loss	Typ. 3.0 dB	2.0 dB
-3 dB Bandwidth	Typ. 18 MHz	20 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 54 dBc
	Fo + 50 MHz	Typ. 33 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	34.7 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

4. Temperature Condition:

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

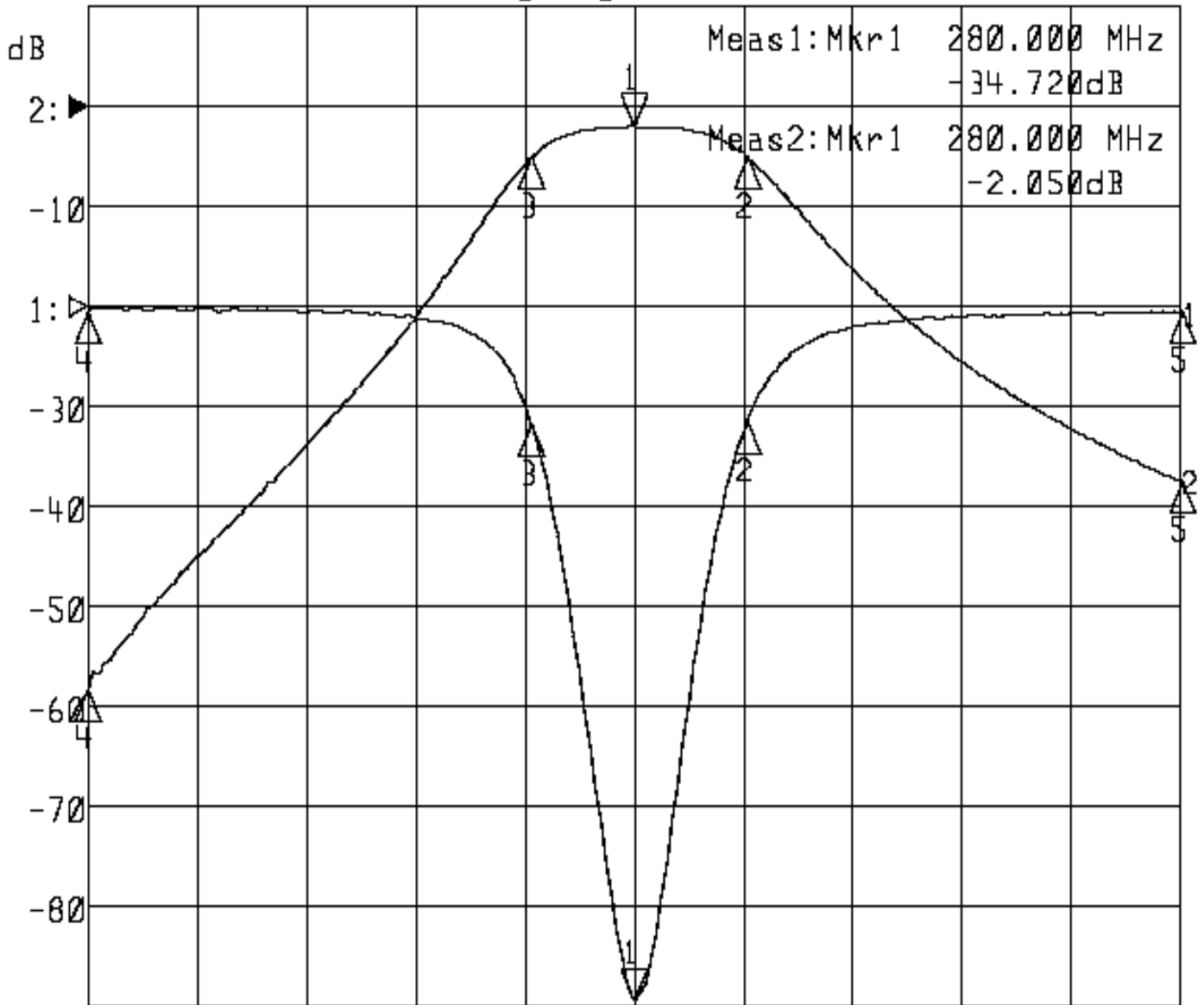
Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	Enlan	7H3S(4*8.0) 7H00LB4

TEMWELL CORPORATION

Performance- TT67188B1-280M

20305036DC

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 280.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 280.0000	-34.720	1> 280.0000	-2.050
2: 290.3667	-5.733	2: 290.3667	-5.048
3: 270.6333	-5.853	3: 270.6333	-5.056
4: 230.0000	-0.207	4: 230.0000	-58.294
5: 330.0000	-0.312	5: 330.0000	-37.448