



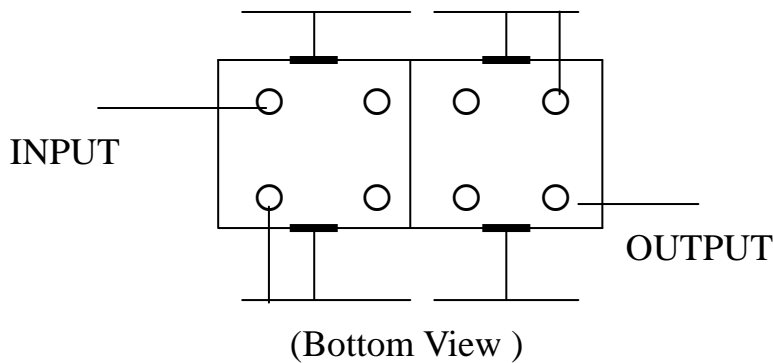
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67121C-869M
Approval No. /dated	20212014B	Customer's Part No.	
Work Instruction No.	20212014B	Date	2002/12/11
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H2	Case size :	
Terminator Type	C		

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



(3) Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	869 MHz	869 MHz	
Insertion Loss	Typ. 4.0 dB	3.15 dB	
-3 dB Bandwidth	Typ. 12 MHz	16.7 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 26 dBc	29 dBc
	Fo + 50 MHz	Typ. 24 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	23.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

Approval	Supervisor	Designer	Aperture size
			7H2S(4*4.65)(4.73) 7H046RB4

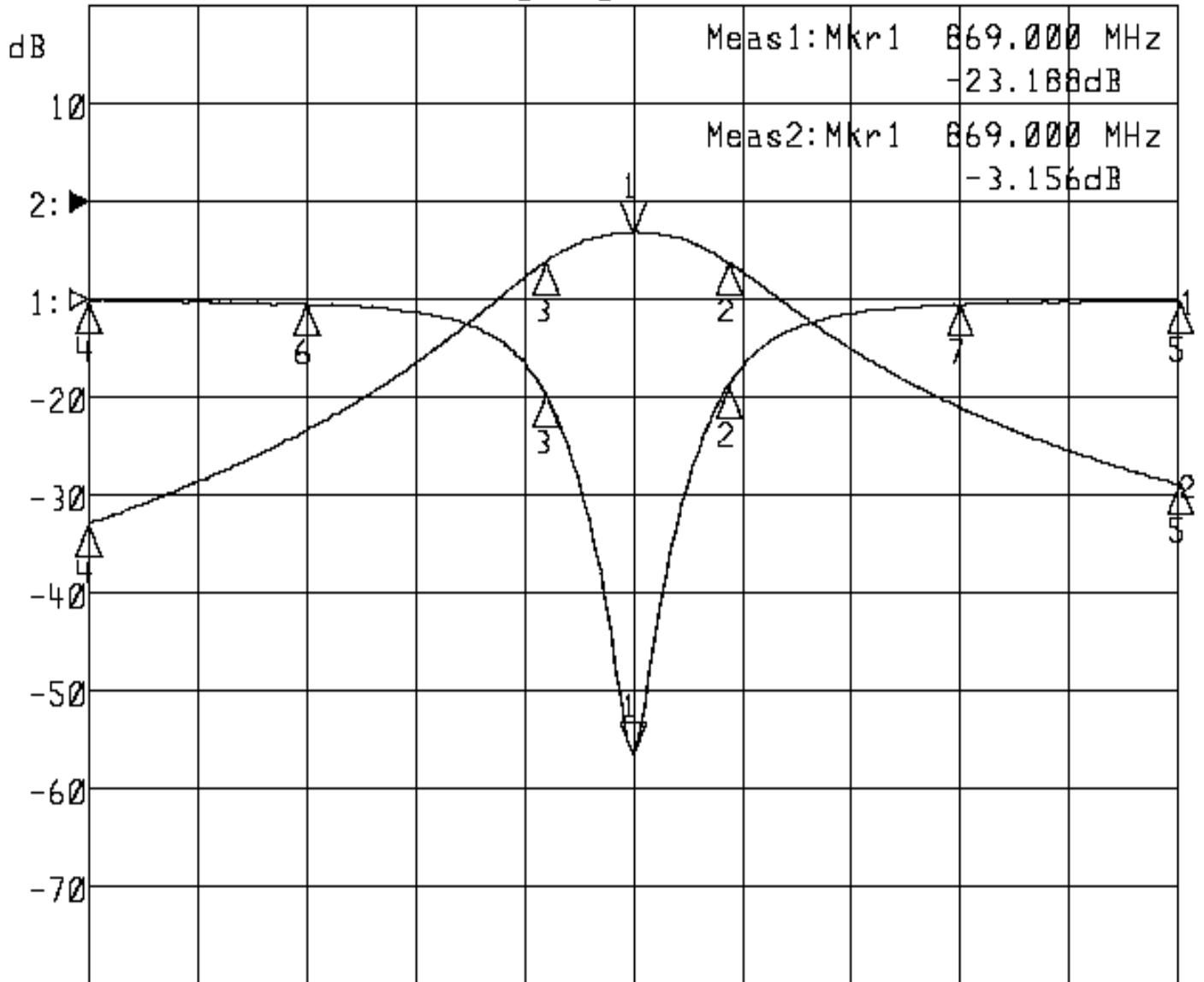
TEMWELL CORPORATION

Performance-TD67121C-869M

20212014B

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C

▶2:S12 Rev Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 869.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 869.0000	-23.188	1> 869.0000	-3.156
2: 877.7000	-4.438	2: 877.7000	-6.148
3: 860.9667	-4.831	3: 860.9667	-6.144
4: 819.0000	-0.067	4: 819.0000	-32.952
5: 919.0000	-0.070	5: 919.0000	-28.840
6: 839.0000	-0.277		
7: 899.0000	-0.295		