



Custom Made UHF Filter & Duplexer

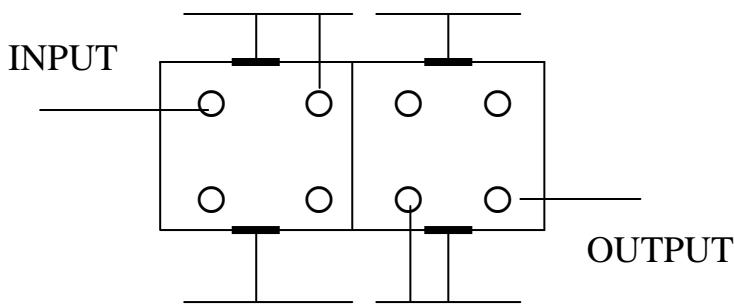
Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67166A-960M
Approval No. /dated	9703120	Customer's Part No.	
Work Instruction No.	9703120	Date	86/10/04
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	2S	Case size :	
Terminator Type	A		

* Pin Position (Pin Connection) diagram as following

(A) Type



(Bottom View)

(3) Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	960 MHz	960 MHz	
Insertion Loss	Typ. 2.5 dB	1.54 dB	
-3 dB Bandwidth	Typ. 25 MHz	30.0 MHz	
Sensensitivity (Attenuation)	Fo - 50 MHz	Typ. 18 dBc	21 dBc
	Fo + 50 MHz	Typ. 15 dBc	18 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	26.0 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

Approval	Supervisor	Designer	Aperture size
			7H2(4*4.65)(4.7) 7H046LB4

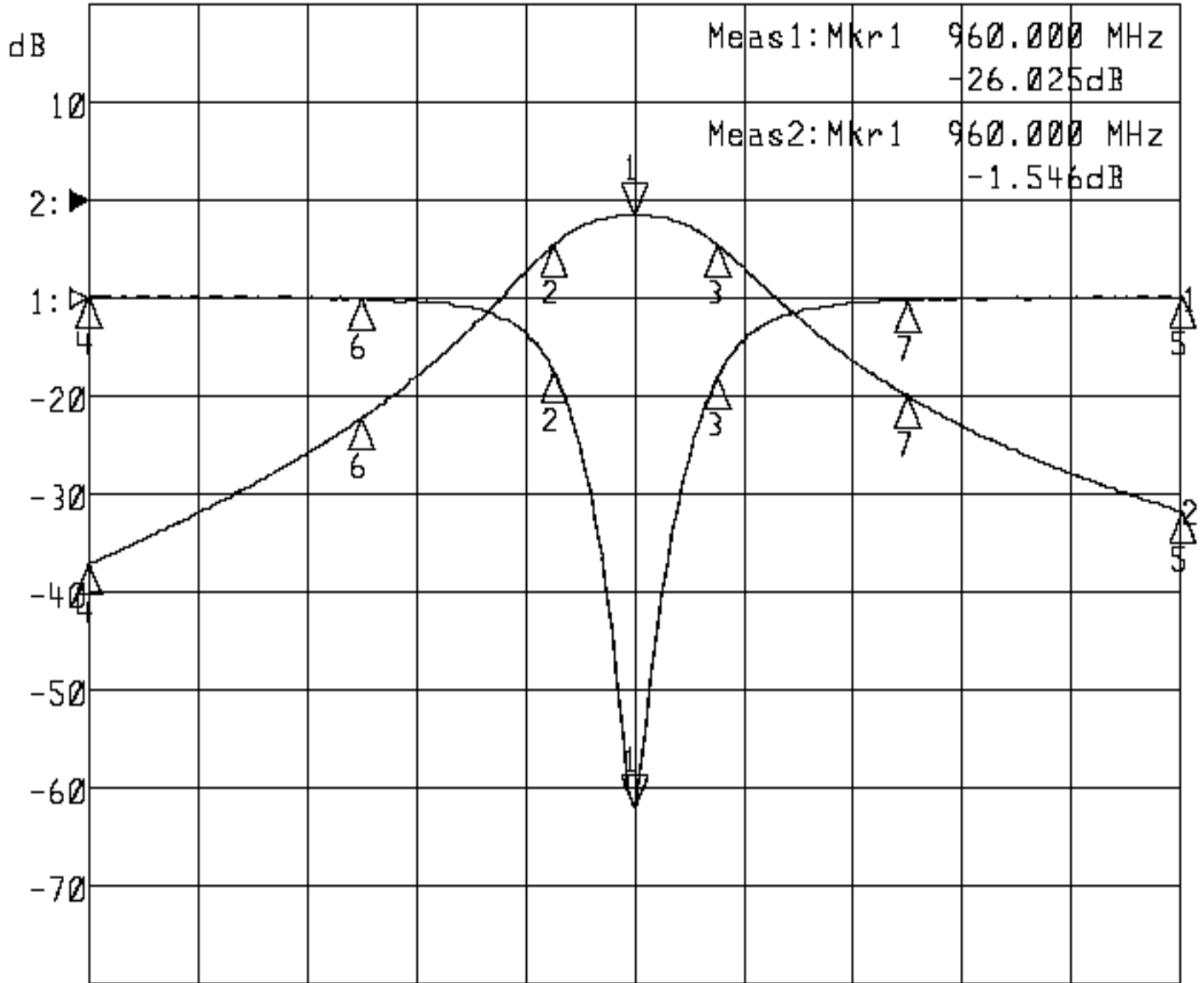
TEMWELL CORPORATION

Performance- TD67166A-960M

9703120

▶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 960.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 960.0000	-26.025	1> 960.0000	-1.546
2: 945.2667	-3.709	2: 945.2667	-4.529
3: 975.2667	-4.005	3: 975.2667	-4.513
4: 860.0000	0.156	4: 860.0000	-37.074
5: 1060.0000	0.085	5: 1060.0000	-31.760
6: 910.0000	0.008	6: 910.0000	-22.184
7: 1010.0000	-0.076	7: 1010.0000	-19.907