



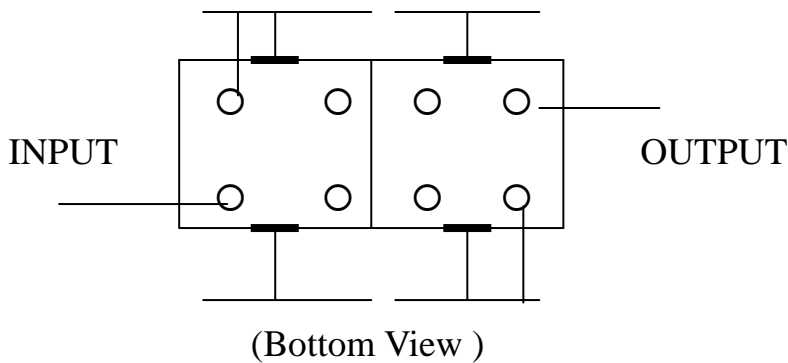
Custom Made UHF Filter & Duplexer

# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD6867D-780M
Approval No. /dated	2008003B	Customer's Part No.	
Work Instruction No.	2008003B	Date	2000.08.02
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H2	Case size :	
Terminator Type	D		

\* Pin Position (Pin Connection) diagram as following  
( D ) Type



(3) Electric Charasteric

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	780 MHz	780 MHz
Insertion Loss	Typ. 6.0 dB	5.2 dB
<input type="checkbox"/> -3 dB Bandwidth	Typ. 7 MHz	11 MHz
Sensentivity (Attenuation )	Fo - 50 MHz	Typ. 30 dBc
	Fo + 50 MHz	Typ. 27 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	16.2 dB
Ripple	< 1 dB	1 dB
Group Delay	ns	ns
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

Approval	Supervisor	Designer	Aperture size
C.Y.CHANG	C.K. CHANG	C.K. CAHNG	7H2D(4*4.65)

TEMWELL CORPORATION

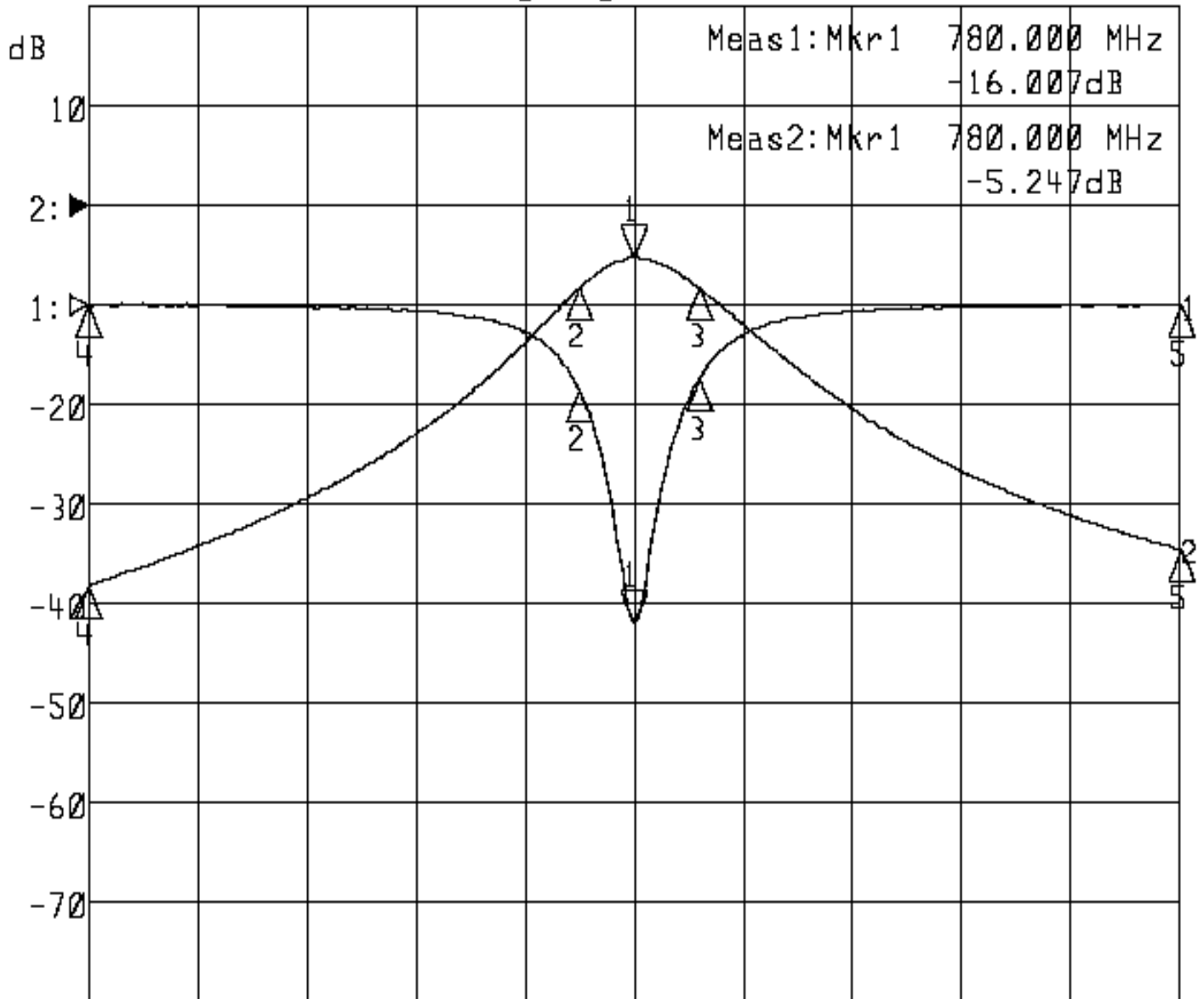
TEMWELL

# Performance- TD6867D-780M

## 2008003B

▶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 780.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 780.0000	-16.007	1> 780.0000	-5.247
2: 774.9333	-4.210	2: 774.9333	-8.374
3: 785.9000	-3.754	3: 785.9000	-8.200
4: 730.0000	-0.058	4: 730.0000	-38.201
5: 830.0000	-0.007	5: 830.0000	-34.580