



Custom Made UHF Filter & Duplexer

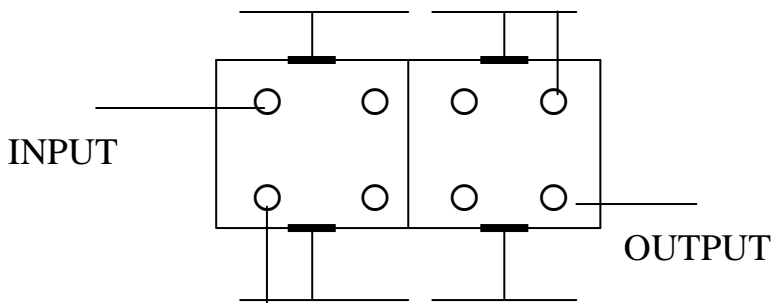
# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67253C-680M
Approval No. /dated	9910006D	Customer's Part No.	
Work Instruction No.	9910006D	Date	1999.10.7
<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



(Bottom View )

(3) Electric Charasteric

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	680 MHz	680 MHz
Insertion Loss	Typ. 2.5 dB	1.61 dB
-3 dB Bandwidth	Typ. 15 MHz	20.2 MHz
Sensentivity (Attenuation )	Fo - 50 MHz	Typ. 20 dBc
	Fo + 50 MHz	Typ. 19 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	22.2 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2(4*4.65) 7H046LB4 聚 3

TEMWELL CORPORATION

TEMWELL

版本: B

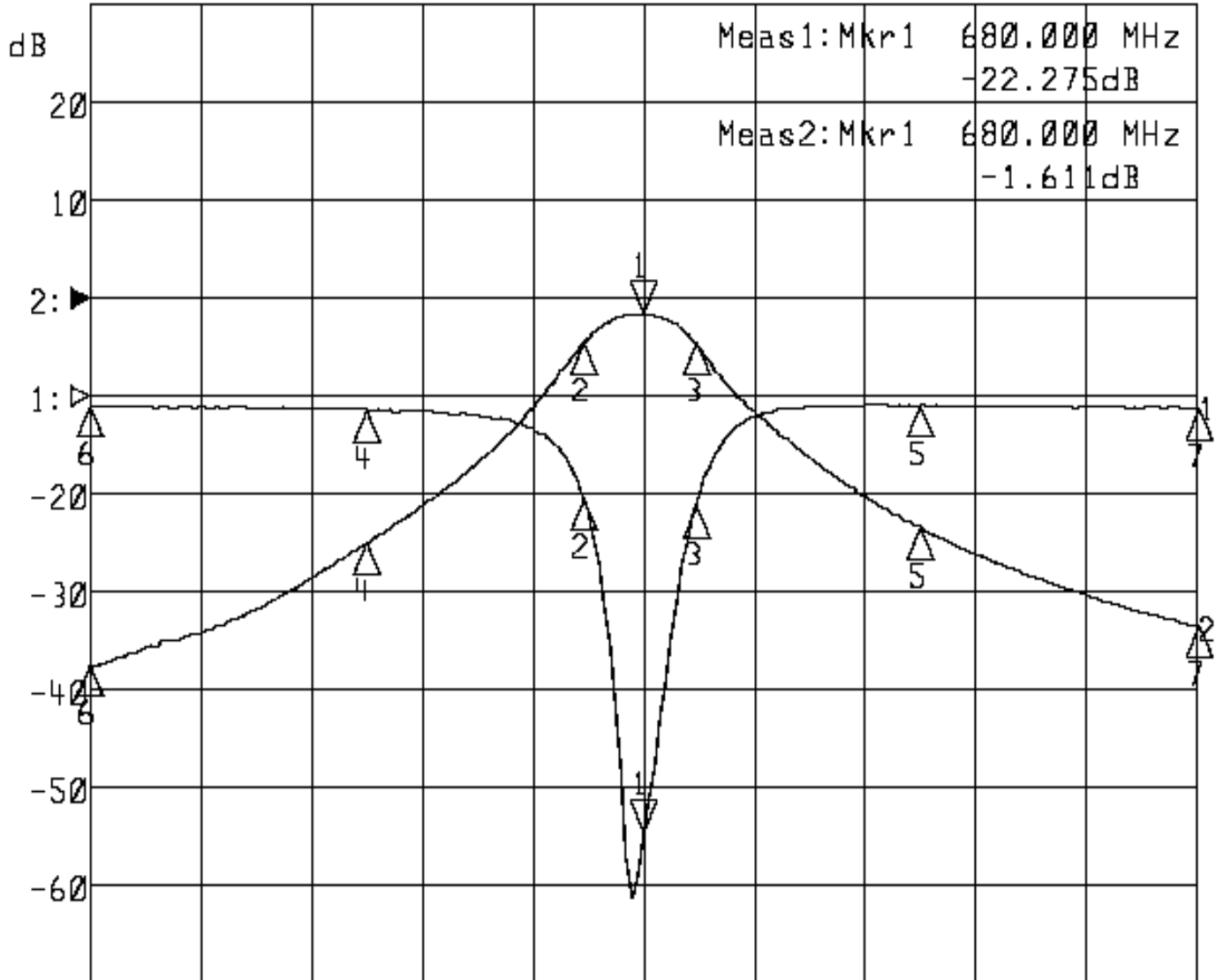
表單編號: QR0306

(Form7h2specsheat )

# Performance-TD67253C-680M

## 9910006D

▶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



Meas1: Mkr1    680.000 MHz  
                  -22.275dB  
 Meas2: Mkr1    680.000 MHz  
                  -1.611dB

Center 680.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 680.0000	-22.275	1> 680.0000	-1.611
2: 669.2667	-5.202	2: 669.2667	-4.532
3: 689.4000	-5.614	3: 689.4000	-4.587
4: 630.0000	-0.702	4: 630.0000	-25.039
5: 730.0000	-0.480	5: 730.0000	-23.376
6: 580.0000	-0.555	6: 580.0000	-37.606
7: 780.0000	-0.630	7: 780.0000	-33.604