



Custom Made UHF Filter & Duplexer

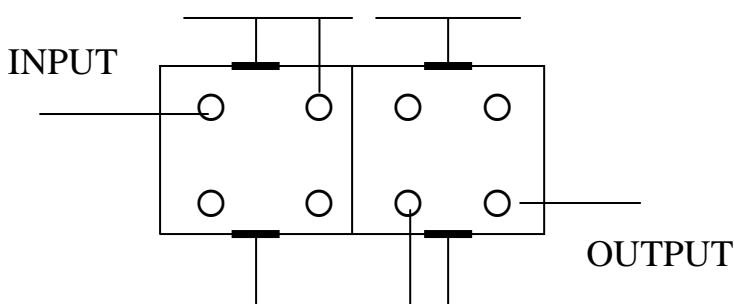
# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TDW2424A-433.9M
Approval No. /dated	20208112B	Customer's Part No.	
Work Instruction No.	20208118C	Date	2002/09/03
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5HW2S	Case size :	
Terminator Type	A		

\* Pin Position (Pin Connection) diagram as following

( A ) Type



(Bottom View )

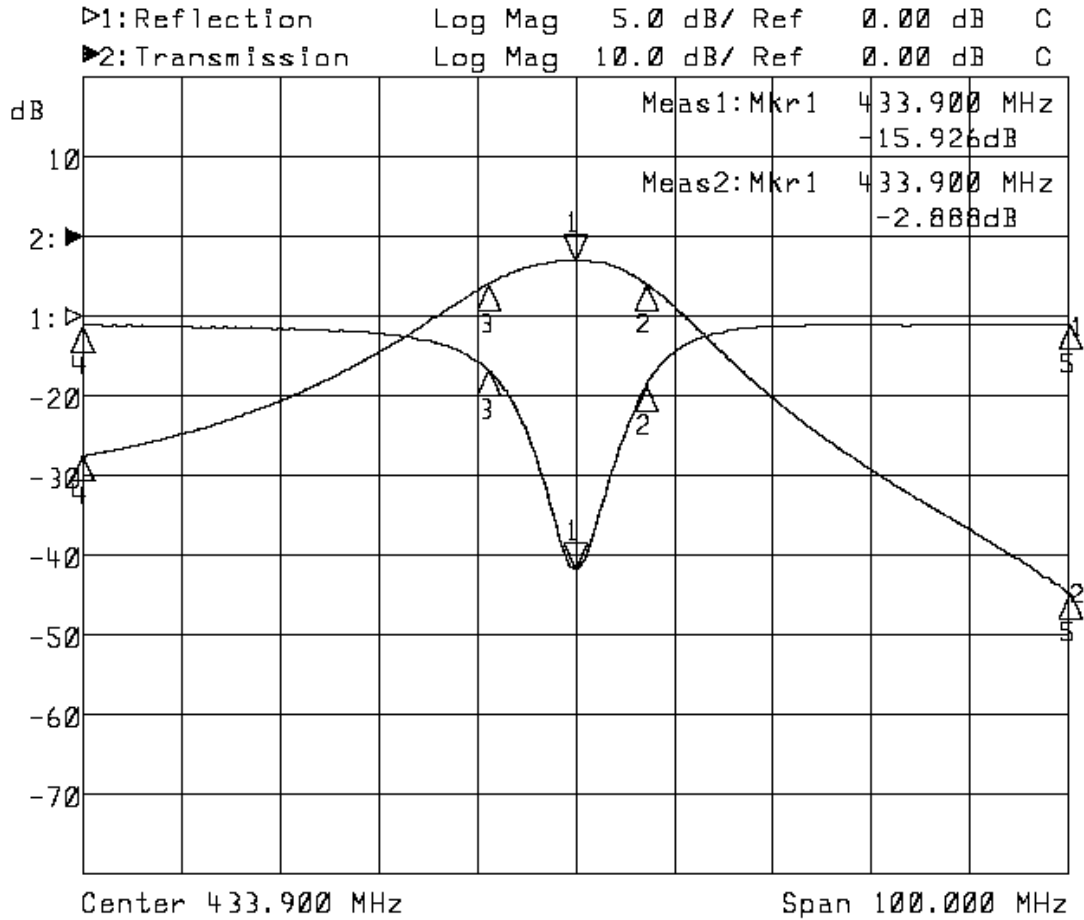
(3) Electric Charasteric

Item	Specify
Center Freq.(Fo ) +/- 0.5 %	433.9 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 14 MHz
Sensentivity (Attenuation )	Fo - 50 MHz Typ. 23 dBc
	Fo + 50 MHz Typ. 38 dBc
	Fo - ( )MHz Typ. dBc
	Fo +( )MHz Typ. dBc
Return Loss	Min. 12 dB
Ripple	< 1 dB
Impedance	In / Out : 50 Ω

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.H.Yeh	5HW2S(3.8*4.2) 5HW024RB3
TEMWELL CORPORATION		駿凱電技股份有限公司	

# Performance-TDW2424A-433.9M

## 20208118C



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 433.9000	-15.926	1> 433.9000	-2.888
2: 441.1000	-4.342	2: 441.1000	-5.928
3: 425.0333	-3.355	3: 425.0333	-5.973
4: 383.9000	-0.564	4: 383.9000	-27.578
5: 483.9000	-0.519	5: 483.9000	-44.718