



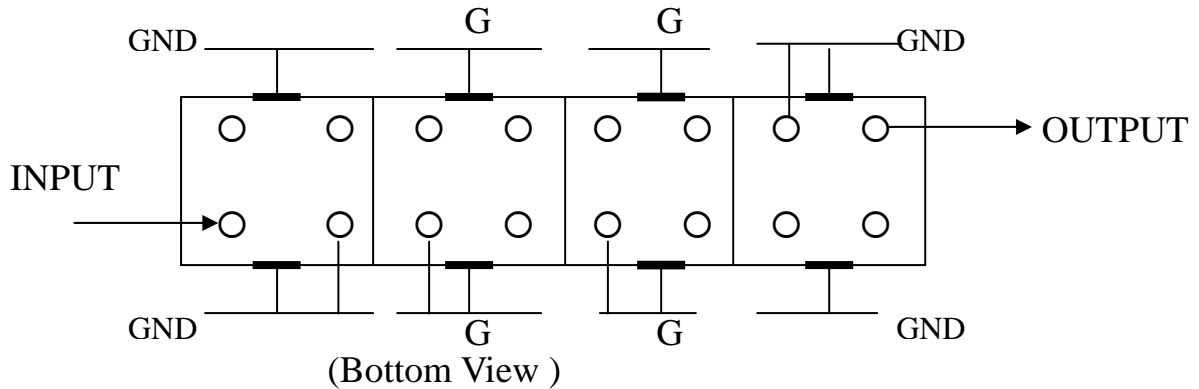
Customized UHF SHF Filter & Miniature Duplexer

# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4588B-1575M
Approval No. /dated	20312012DB	Customer's Part No.	
Work Instruction No.	20312012DB	Date	Dec.08.2003
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5W4	Case size : ( mm)	
Terminator Type	B		

\* Pin Position (Pin Connection) diagram as following

( B ) Type



### (3) Electric Character

Item	Specify	
Center Freq.(Fo) +/- 0.5 %	1575	MHz
Insertion Loss	Typ. 5.0	dB
-3 dB Bandwidth	Typ. 50	MHz
Sensitivity (Attenuation)	Fo - 100MHz	Typ. 50 dBc
	Fo +100 MHz	Typ. 32 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12	dB
Ripple	< 1 dB	
Impedance	In / Out : 50 Ω	

### 4. Temperature Condition:

Operating Temperature	0 ~ +60
Storage Temperature	-20 ~ +70

Approval	Supervisor	Designer	Aperture size
	C.S.Chang	P.H.Ching	5W4(3.8*4.7)(4.56) 5H024RB3

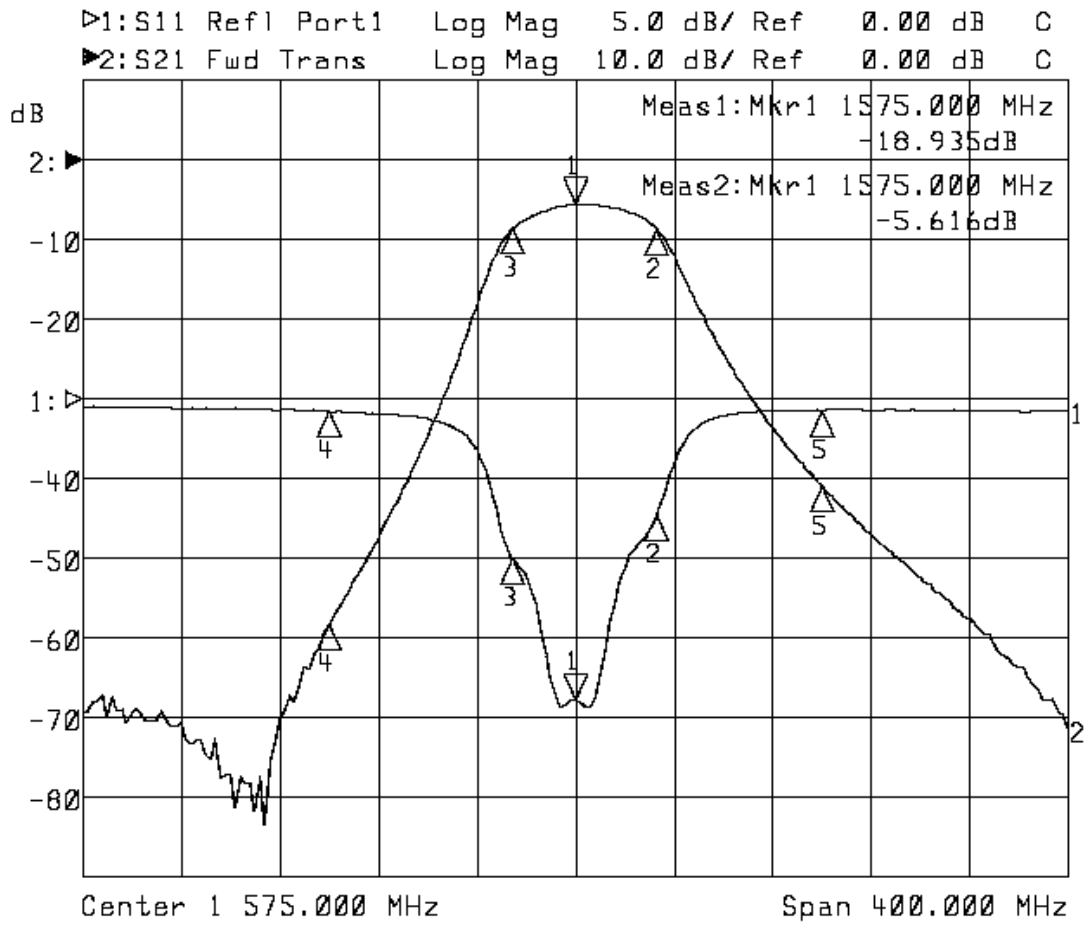
TEMWELL CORPORATION

TEMWELL

Form20-7H4A Vession C

# Performance-TFW4588B-1575M

## 20312012DB



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1 > 1575.0000	-18.935	1 > 1575.0000	-5.616
2: 1608.0667	-7.294	2: 1608.0667	-8.645
3: 1549.6667	-10.049	3: 1549.6667	-8.616
4: 1475.0000	-0.782	4: 1475.0000	-58.330
5: 1675.0000	-0.728	5: 1675.0000	-40.925