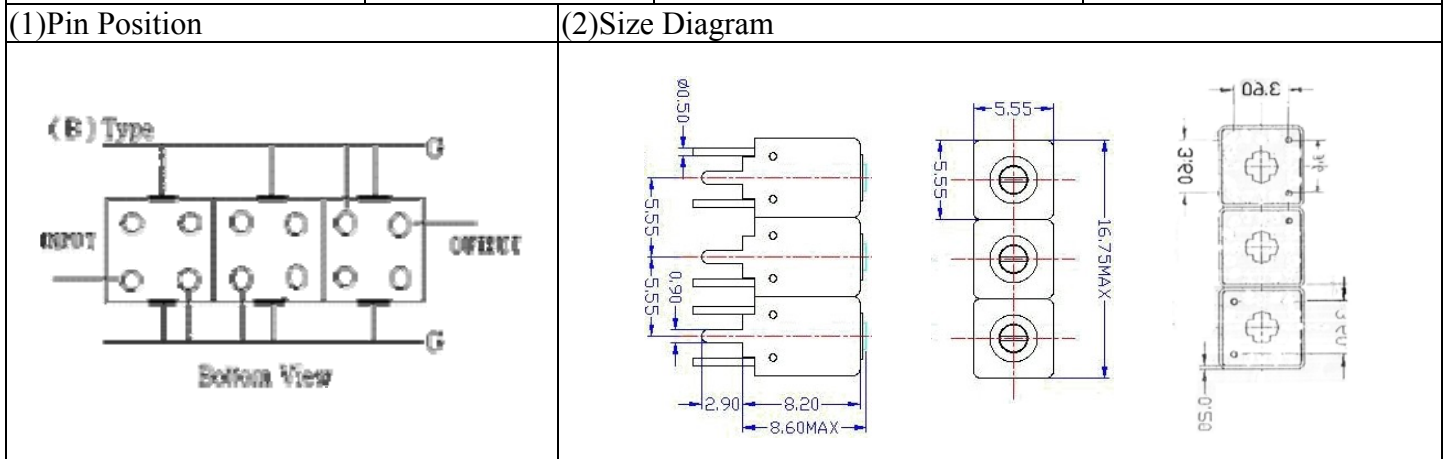


# VHF UHF Helical Filter Specification Sheet

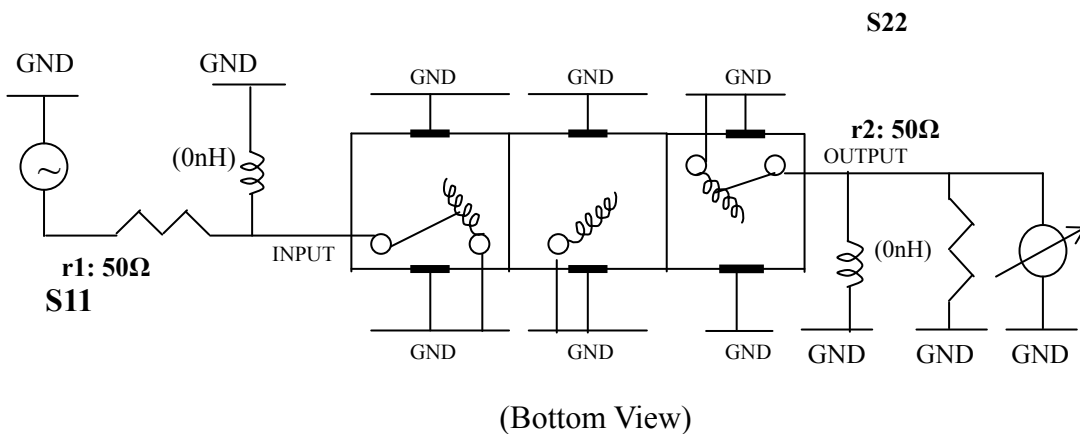
Customer Name		Temwell's Part No.	TTW3811B-1425M
Approval No. /dated	0512065APR	Acceptable Specify Fo Range	1401-1450 MHz
Work Instruction No.	0512065DC	Date	Jan.24.2006



(3) Electric Character		Item	Specify	Performance
Center Freq. (Fo) +/- 0.5 %			1425 MHz	1425 MHz
Tunable Range:			1425±5 MHz	1425±5 MHz
Insertion Loss		Typ.	3.0 dB	1.88 dB
-3 dB Bandwidth		Typ.	70 MHz	84.5 MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ.	33 dBc	36 dBc
	Fo + 150 MHz	Typ.	18 dBc	21 dBc
	Fo - ( )MHz	Typ.	dBc	dBc
	Fo + ( )MHz	Typ.	dBc	dBc
Return Loss		Min.	12 dB	28.5 dB
Ripple			< 1 dB	dB
Impedance			In / Out : 50 Ω	In / Out : 50 Ω
(4) Torque for Tuning Screw			> 60gf · cm	

(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6) Input Power	> 0.5Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(0nH) / (0nH).

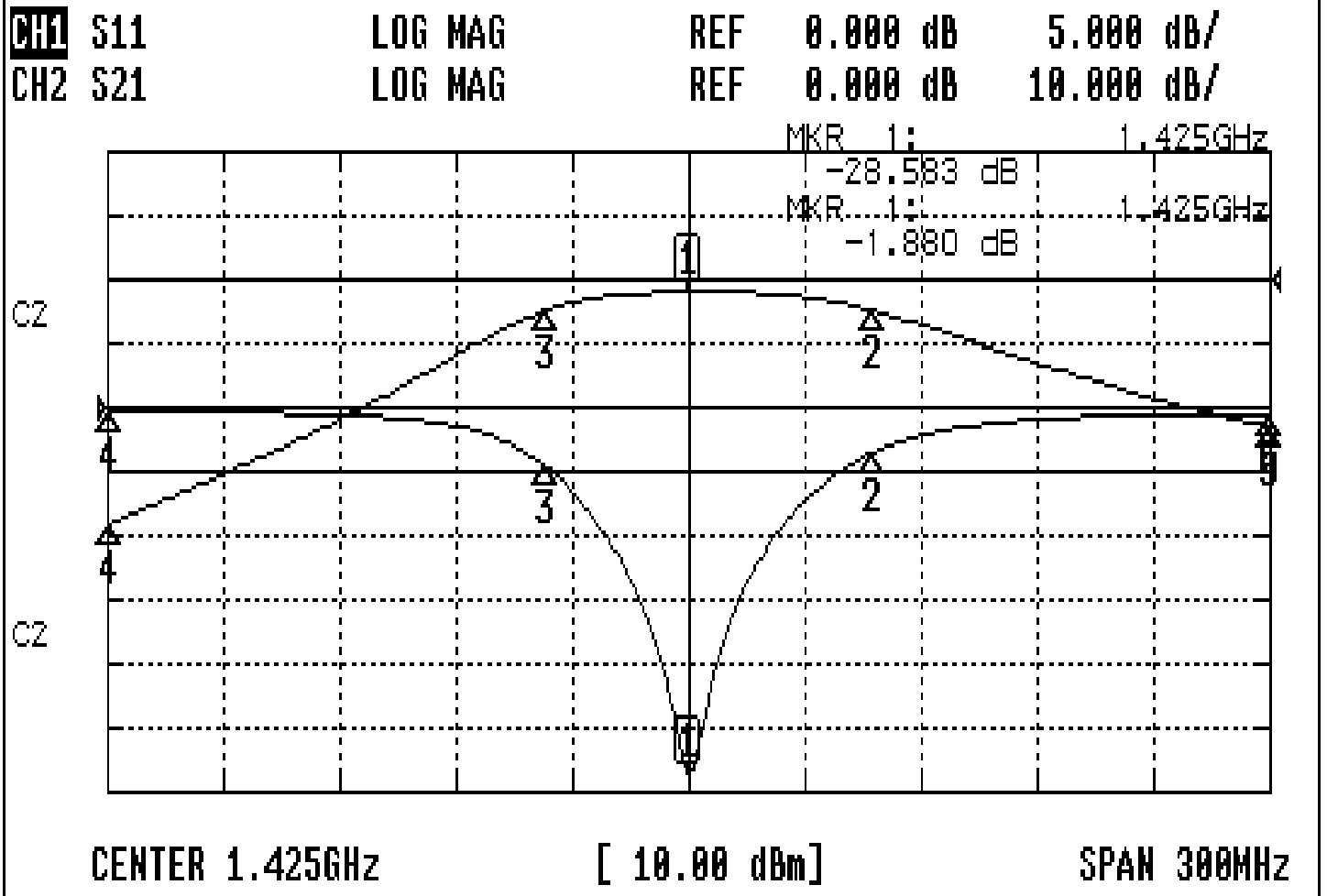


Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W3S(3.8*5.1)(5.13) 5HW046RB3.2

TEMWELL CORPORATION

# Performance-TTW3811B-1425M

## 0512065DC



### CH1 MARKER LIST

1	1.425	000GHz	-28.583	dB
2	1.472	500GHz	-3.525	dB
3	1.388	000GHz	-4.508	dB
4	1.275	000GHz	-0.315	dB
5	1.575	000GHz	-0.459	dB

### CH2 MARKER LIST

1	1.425	000GHz	-1.880	dB
2	1.472	500GHz	-4.036	dB
3	1.388	000GHz	-4.055	dB
4	1.275	000GHz	-38.224	dB
5	1.575	000GHz	-22.841	dB