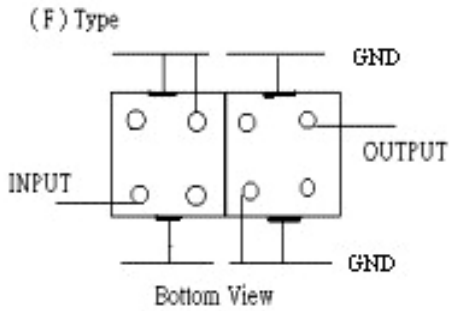
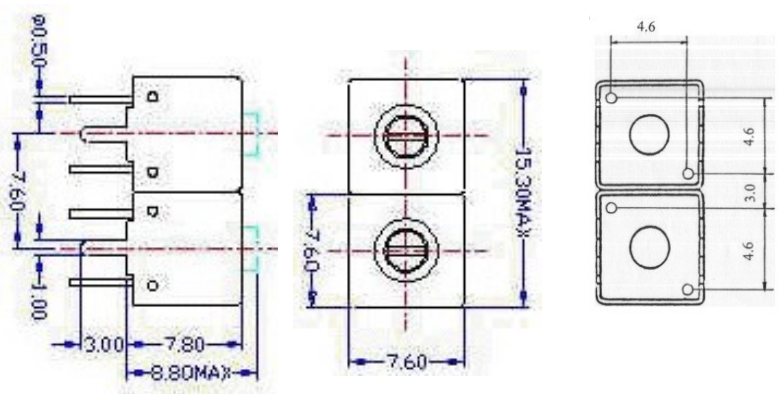


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2057F-375M
Approval No. /dated	20103075DC	Acceptable Specify Fo. Range	356~400MHz
Work Instruction No.	20103075DC	Date	2001.04.13

<p>(1) Pin Position</p>  <p style="text-align: center;">(F) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	375 MHz	375 MHz
Tunable Range	375±3 MHz	375±3 MHz
Insertion Loss	Typ. 2.0 dB	1.1 dB
-3 dB Bandwidth	Typ. 42 MHz	46 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 18 dBc
	Fo + 100 MHz	Typ. 21 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	30 dB
Ripple	< 1 dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

(4) Torque for Tuning Screw > 100gf • cm

(5) Temperature Condition:

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

(6) Input Power > 1Watt

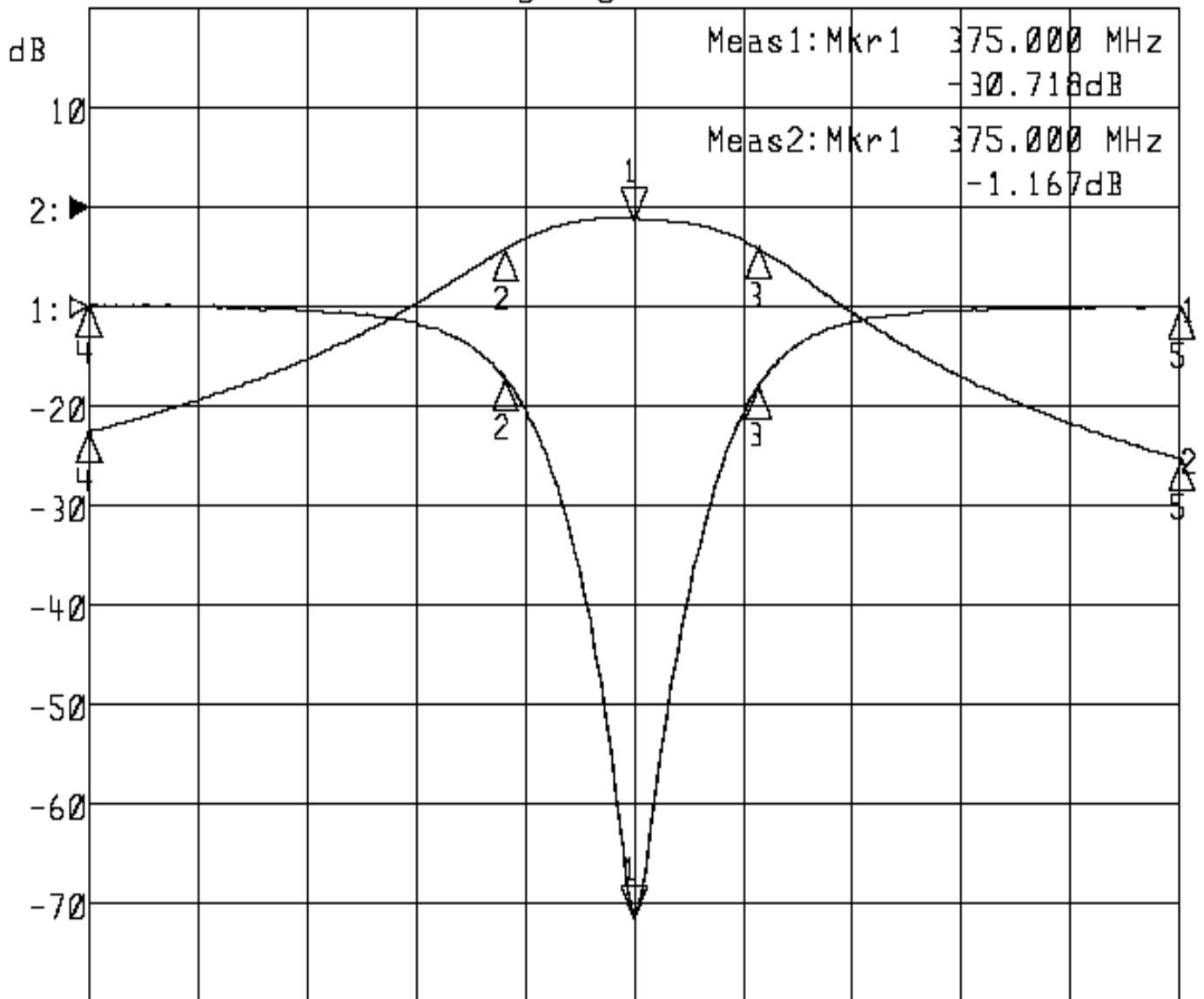
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S024RB5.5

TEMWELL CORPORATION

# Performance-TDS2057F-375M

## 20103075DC

►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 375.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 375.0000	-30.718	1> 375.0000	-1.167
2: 351.5333	-3.613	2: 351.5333	-4.151
3: 397.8000	-3.998	3: 397.8000	-4.103
4: 275.0000	0.077	4: 275.0000	-22.568
5: 475.0000	-0.020	5: 475.0000	-25.304