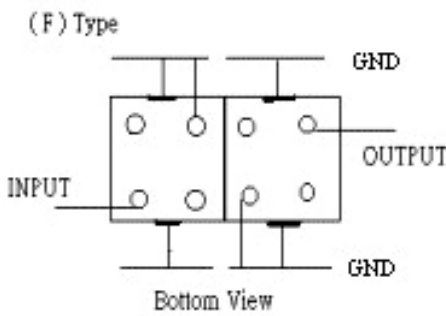
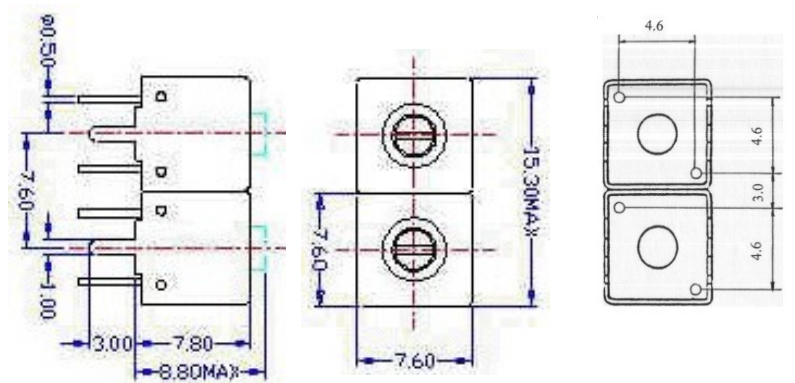


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2056F-375M
Approval No. /dated	20103074DC	Acceptable Specify Fo. Range	356~400MHz
Work Instruction No.	20103074DC	Date	2001.04.06

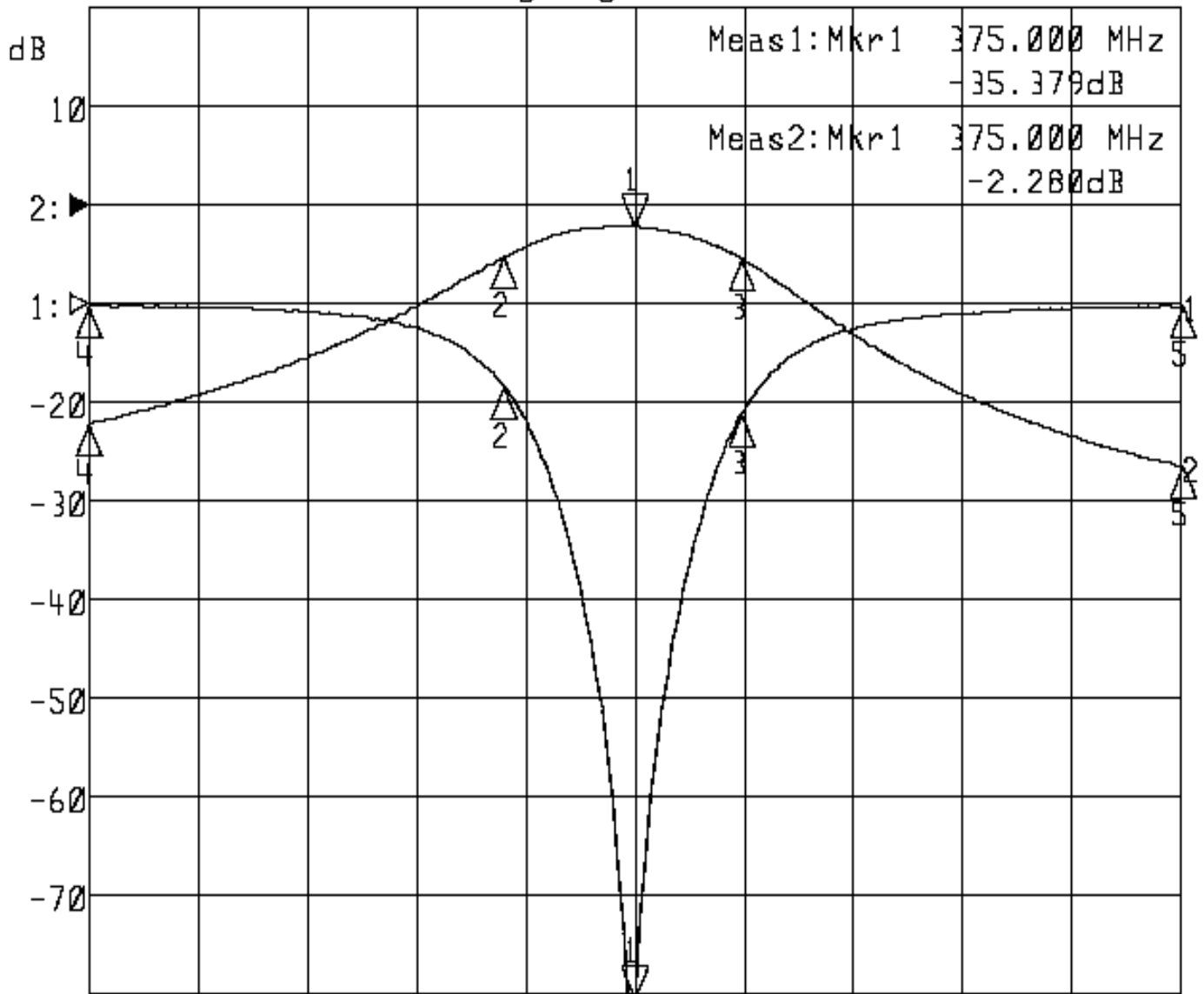
<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	375 MHz	375 MHz	
Tunable Range	375±3 MHz	375±3 MHz	
Insertion Loss	Typ. 3.0 dB	2.3 dB	
-3 dB Bandwidth	Typ. 39 MHz	43 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 16 dBc	19 dBc
	Fo + 100 MHz	Typ. 21 dBc	24 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	35 dB	
Ripple	< 1 dB	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*4.5) 7S024RB5.5
TEMWELL CORPORATION			

Performance-TDS2056F-375M

20103074DC

▶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	-35.379	1> 375.0000	-2.280
2: 351.1333	-4.199	2: 351.1333	-5.266
3: 394.5333	-5.598	3: 394.5333	-5.392
4: 275.0000	-0.096	4: 275.0000	-22.187
5: 475.0000	-0.160	5: 475.0000	-26.537