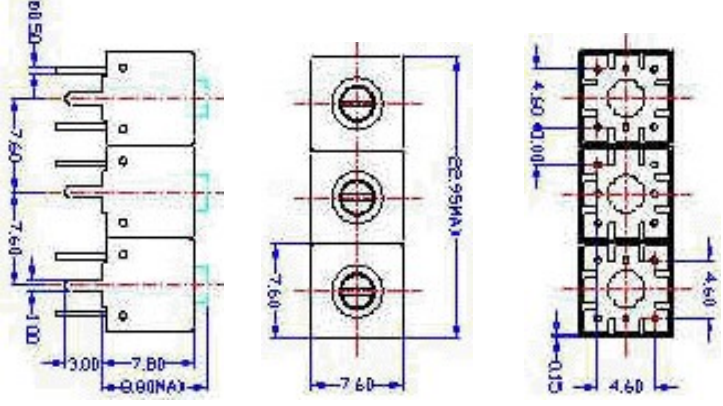


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3055B-375M
Approval No. /dated	20103085DC	Acceptable Specify Fo. Range	356~400MHz
Work Instruction No.	20103085DC	Date	2001.04.16

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

(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		375 MHz	375 MHz
Tunable Range		375±5 MHz	375±5 MHz
Insertion Loss		Typ. 5.0 dB	4.0 dB
-3 dB Bandwidth		Typ. 12 MHz	16 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 43 dBc	46 dBc
	Fo + 50 MHz	Typ. 36 dBc	39 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	17.5 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	7S3S(4*3.5) 7S024RB5.5

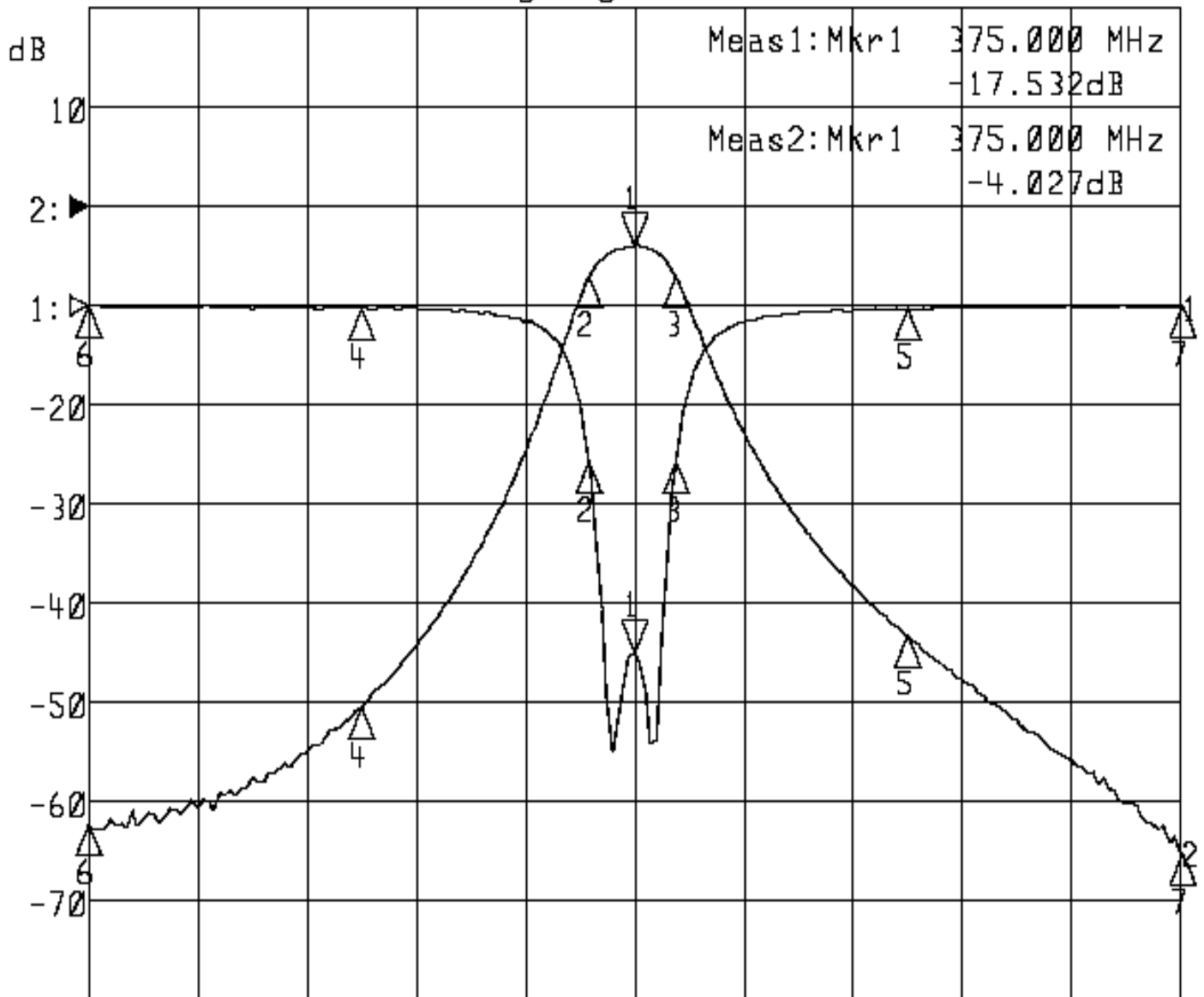
TEMWELL CORPORATION

# Performance-TTS3055B-375M

## 20103085DC

▷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	-17.532	1> 375.0000	-4.027
2: 366.6667	-7.853	2: 366.6667	-7.101
3: 382.6000	-7.870	3: 382.6000	-7.092
4: 325.0000	-0.099	4: 325.0000	-50.620
5: 425.0000	-0.136	5: 425.0000	-43.335
6: 275.0000	-0.028	6: 275.0000	-62.343
7: 475.0000	-0.041	7: 475.0000	-65.235