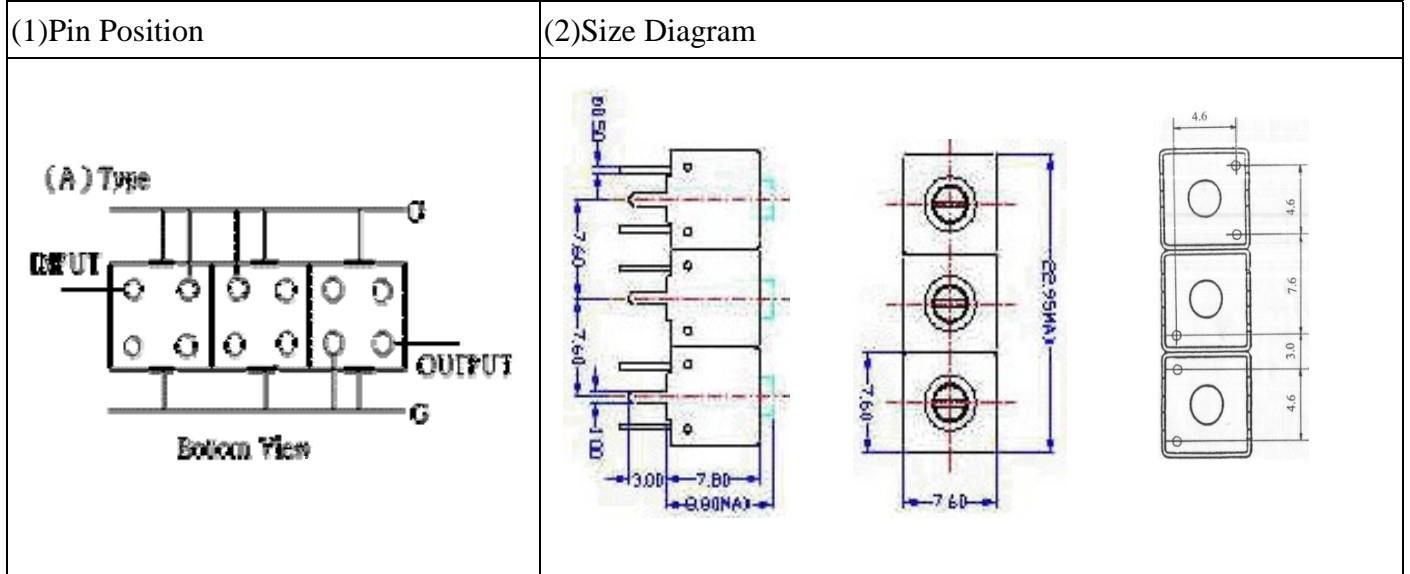


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3213A-962M
Approval No. /dated	20110034DC	Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	20110034DC	Date	2001.10.18



(3) Electric Character

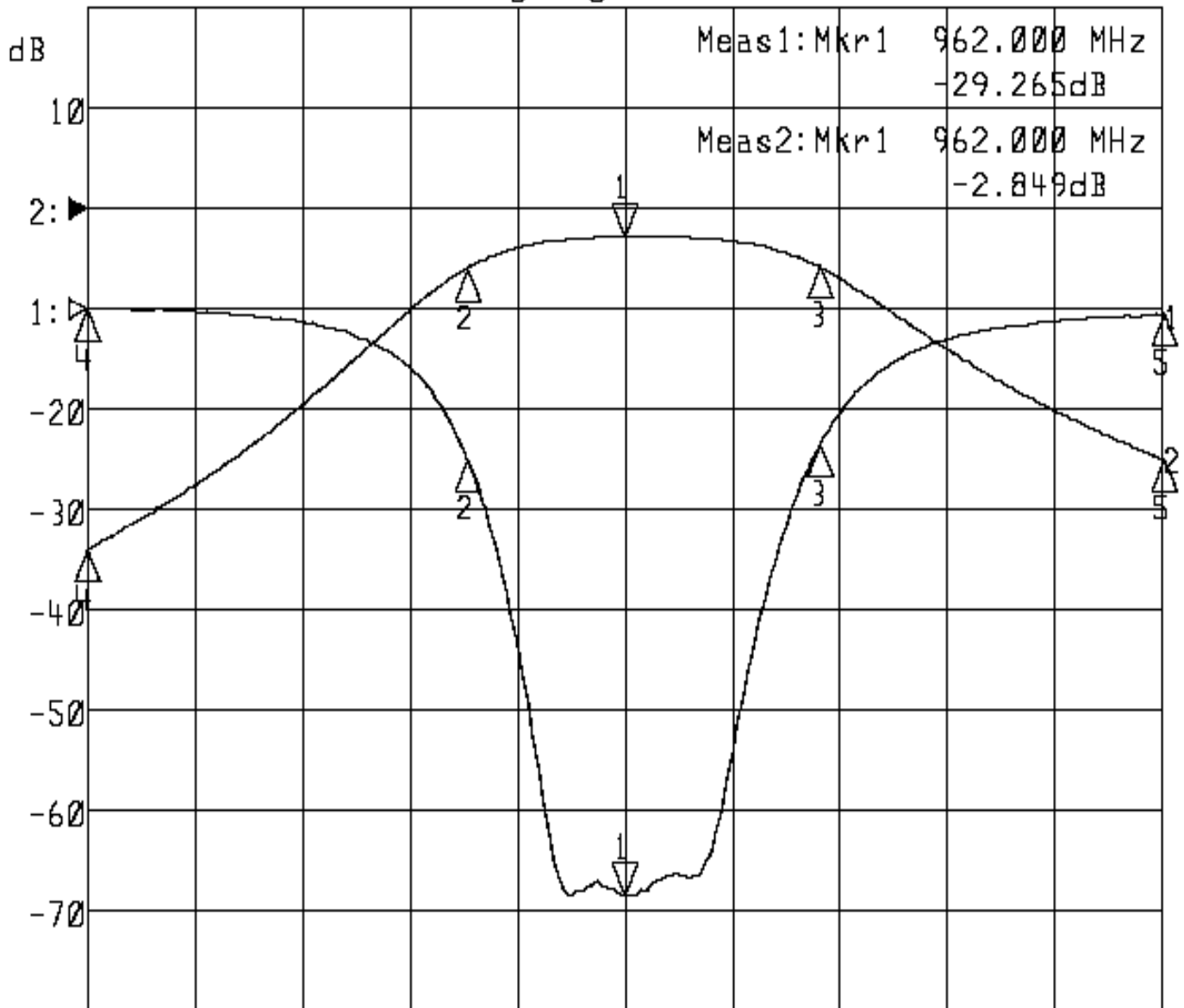
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	962 MHz	962 MHz	
Tunable Range	962 ±10 MHz	962 ±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.8 dB	
-3 dB Bandwidth	Typ. 60 MHz	66 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 28 dBc	
	Fo +100 MHz	Typ. 19 dBc	
	Fo - ( )MHz	Typ. dBc	
	Fo +( )MHz	Typ. dBc	
Return Loss	Min. 12 dB	29.2 dB	
Ripple	< 1 dB	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	7S3 (4*5.2) 7S046LB6

TEMWELL CORPORATION

# Performance-TTS3213A-962M

## 20110034DC

►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 962.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 962.0000	-29.265	1> 962.0000	-2.849
2: 932.8000	-7.504	2: 932.8000	-5.875
3: 998.4667	-6.688	3: 998.4667	-5.871
4: 862.0000	0.027	4: 862.0000	-34.016
5: 1062.0000	-0.290	5: 1062.0000	-24.941