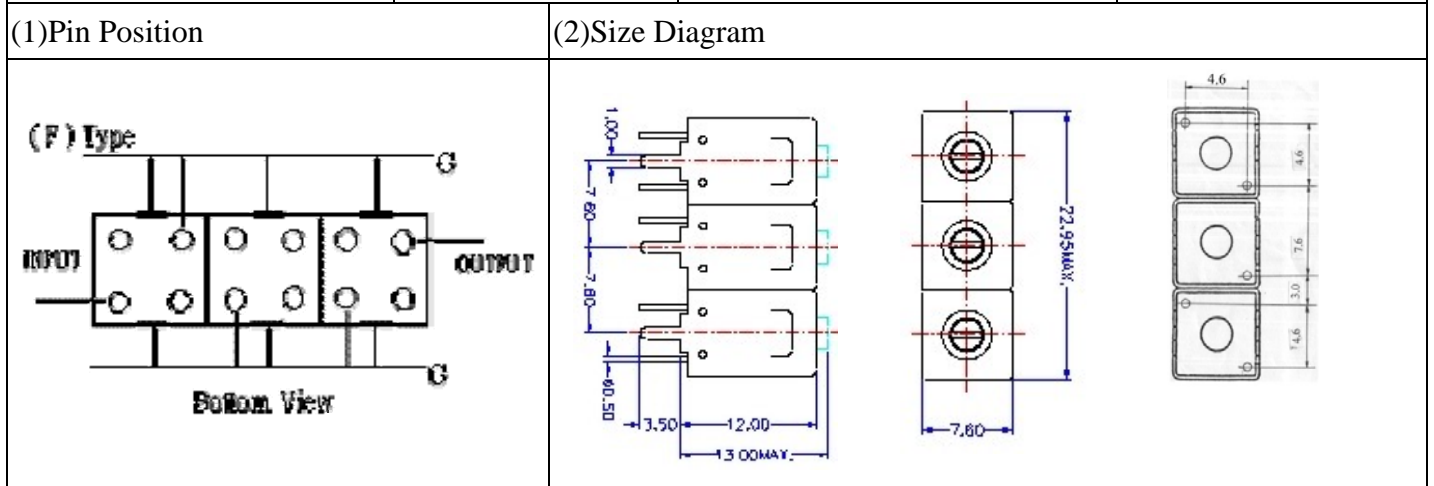


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL67533F-635M
Approval No. /dated	20208019DC	Acceptable Specify Fo. Range	596~640MHz
Work Instruction No.	20208019DC	Date	Aug. 16, 2002



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		635 MHz	635 MHz
Tunable Range		635±3 MHz	635±3 MHz
Insertion Loss		Typ. 2.5 dB	1.4 dB
-1 dB Bandwidth		Typ. 39 MHz	45 MHz
-3 dB Bandwidth		Typ. 45 MHz	55 MHz
Sensitivity (Attenuation)	Fo - 70 MHz	Typ. 33 dBc	35 dBc
	Fo + 70 MHz	Typ. 19 dBc	21 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo + ( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	19 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 75 Ω	In / Out : 75 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		> 1Watt	
Approval	Supervisor	Designer	Aperture size
C. Y.Chang	C. S.Chang	C. S.Chang	7H3,4*7.5 7H046LB5

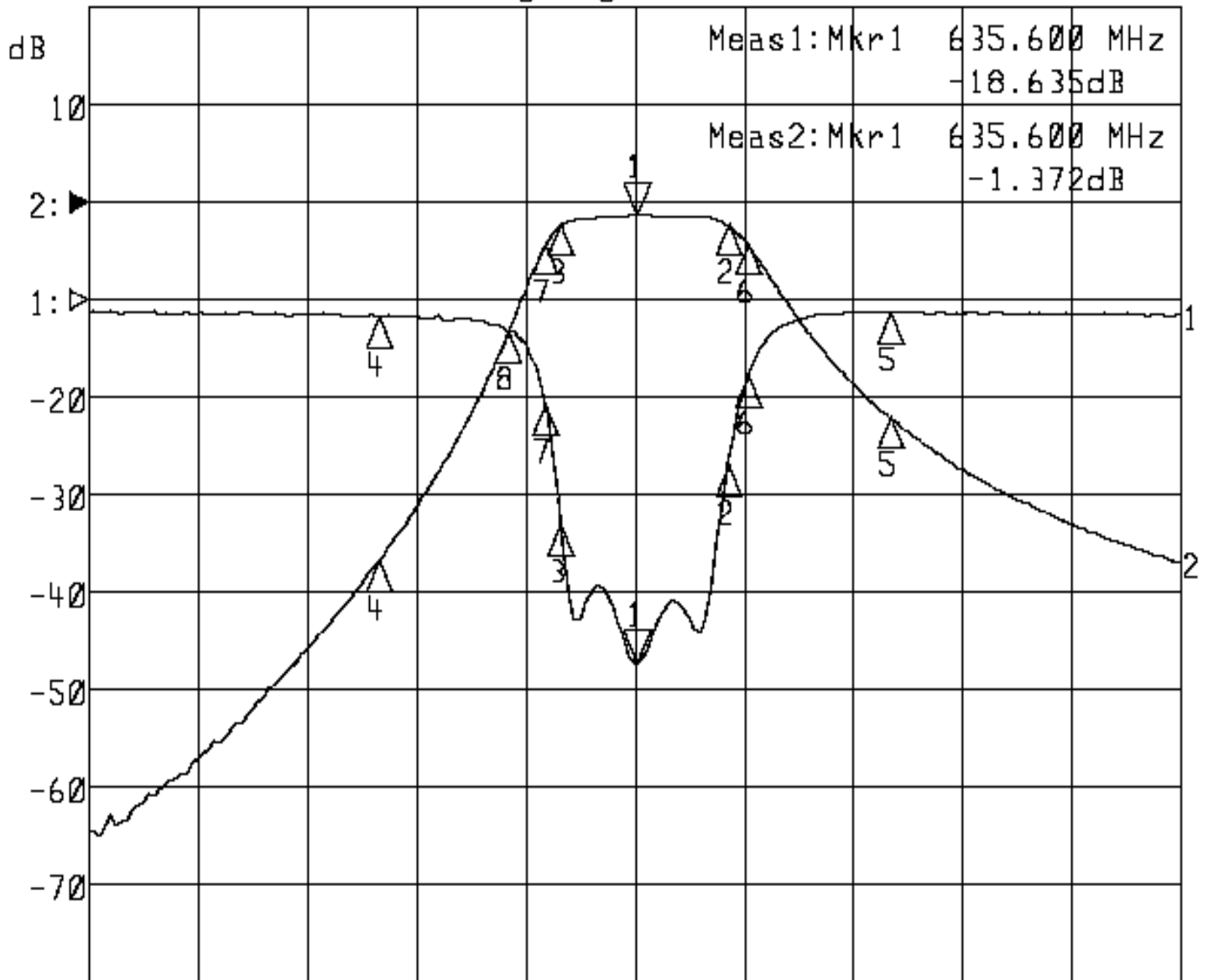
TEMWELL CORPORATION

RF Filter & Duplexer Manufacturer : TTL67533F-635M rvbw 0505

# Performance-TTL67533F-635M

## 20208019DC

▶1: S11 Refl Port1    Log Mag    5.0 dB/ Ref    0.00 dB    C  
 ▶2: S12 Rev Trans    Log Mag    10.0 dB/ Ref    0.00 dB    C



Meas1: Mkr1    635.600 MHz  
                  -18.635 dB  
 Meas2: Mkr1    635.600 MHz  
                  -1.372 dB

Center 635.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 635.6000	-18.635	1> 635.6000	-1.372
2: 660.5000	-8.497	2: 660.5000	-2.322
3: 614.8333	-11.528	3: 614.8333	-2.361
4: 565.0000	-0.870	4: 565.0000	-36.678
5: 705.0000	-0.658	5: 705.0000	-22.099
6: 666.0000	-3.937	6: 666.0000	-4.364
7: 610.5000	-5.377	7: 610.5000	-4.372
8: 600.0000	-1.573		