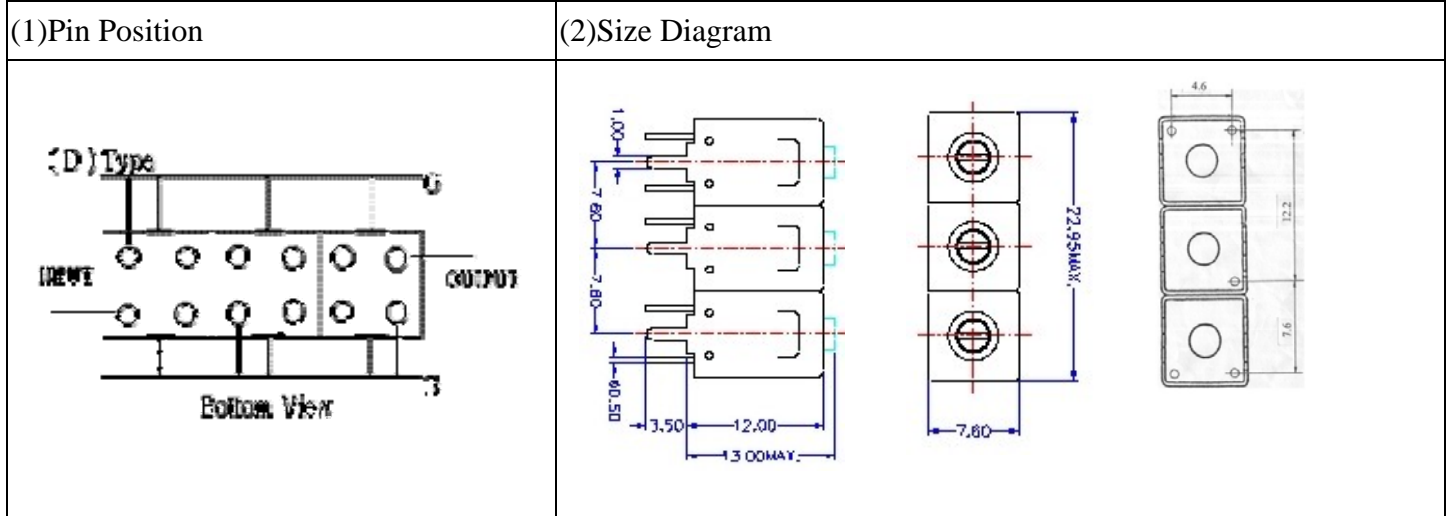


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67127D-640M
Approval No. /dated	20303071C	Acceptable Specify Fo. Range	596~640MHz
Work Instruction No.	20303071C	Date	Mar.26.2003



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	640 MHz	640	MHz
Tunable Range	640±5 MHz	640±5	MHz
Insertion Loss	Typ. 3.0 dB	2.3	dB
-3 dB Bandwidth	Typ. 12 MHz	16	MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 51	dBc
	Fo + 50 MHz	Typ. 35	dBc
	Fo - ( )MHz	Typ.	dBc
	Fo +( )MHz	Typ.	dBc
Return Loss	Min. 12 dB	22.5	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	7H3S(4*4.5)F 7H046LB4 聚 3

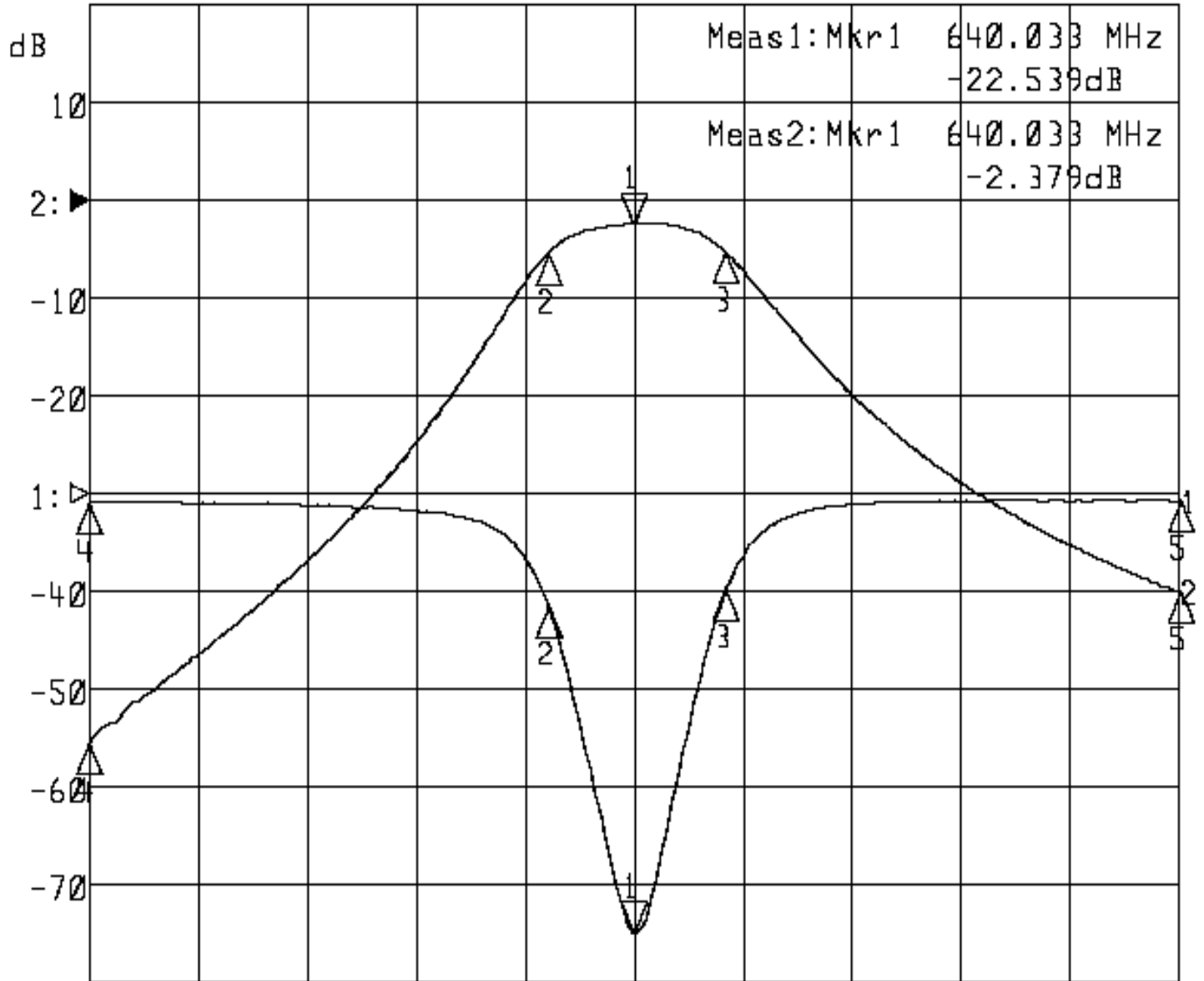
TEMWELL CORPORATION

# Performance-TT67127D-640M

## 20303071C

▶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 640.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 640.0333	-22.539	1> 640.0333	-2.379
2: 632.1667	-5.759	2: 632.1667	-5.383
3: 648.4667	-4.932	3: 648.4667	-5.341
4: 590.0000	-0.483	4: 590.0000	-55.520
5: 690.0000	-0.354	5: 690.0000	-39.955