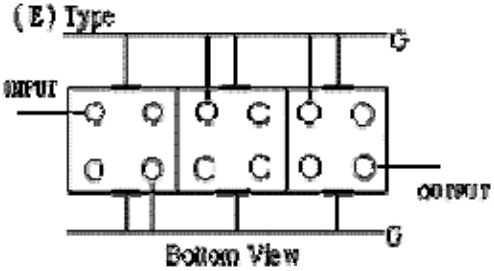
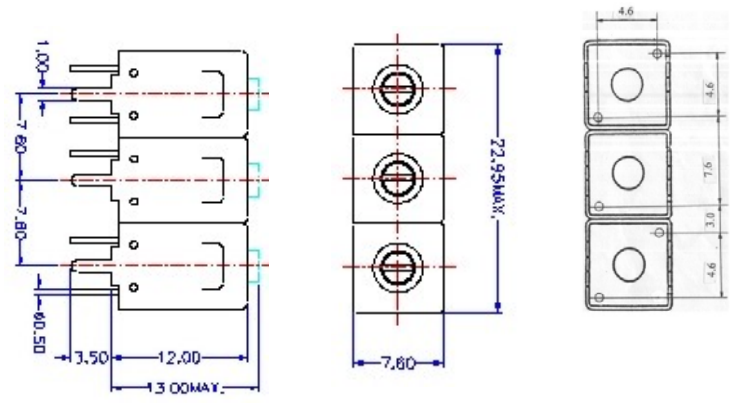


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL67533E-635M
Approval No. /dated	20210055B	Acceptable Specify Fo. Range	596~640MHz
Work Instruction No.	20210055B	Date	Oct. 22, 2002

<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 %	635 MHz	635 MHz	
Tunable Range	635±3 MHz	635±3 MHz	
Insertion Loss	Typ. 2.5 dB	1.3 dB	
-1 dB Bandwidth	Typ. 39 MHz	45 MHz	
-3 dB Bandwidth	Typ. 45 MHz	50 MHz	
Sensitivity (Attenuation)	Fo - 70 MHz	Typ. 25 dBc	27 dBc
	Fo + 70 MHz	Typ. 19 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15 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
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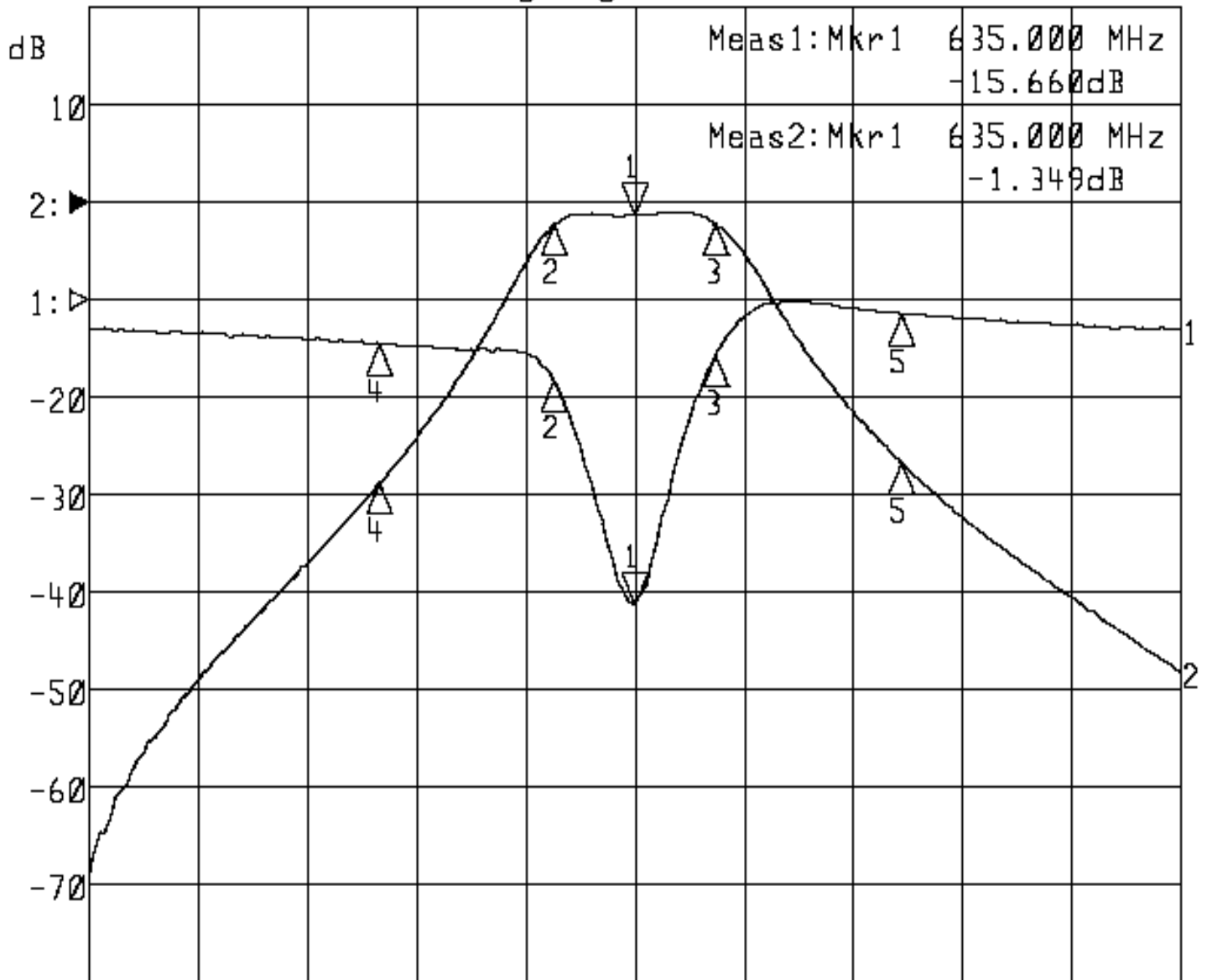
Approval	Supervisor	Designer	Aperture size
C. Y.Chang	C.S.Chang	C.S.Chang	7H3.4*7.5 7H046LB5

TEMWELL CORPORATION

Performance-TTL67533E-635M

20210055B

▷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 635.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 635.0000	-15.660	1> 635.0000	-1.349
2: 612.9000	-4.151	2: 612.9000	-2.344
3: 657.3000	-2.832	3: 657.3000	-2.360
4: 565.0000	-2.258	4: 565.0000	-28.771
5: 708.0000	-0.701	5: 708.0000	-26.641