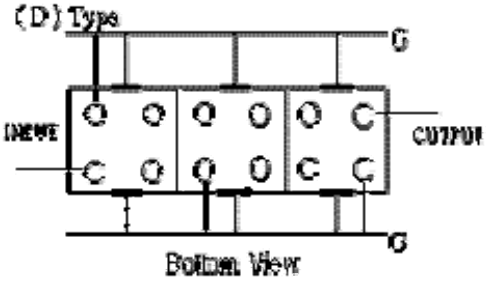
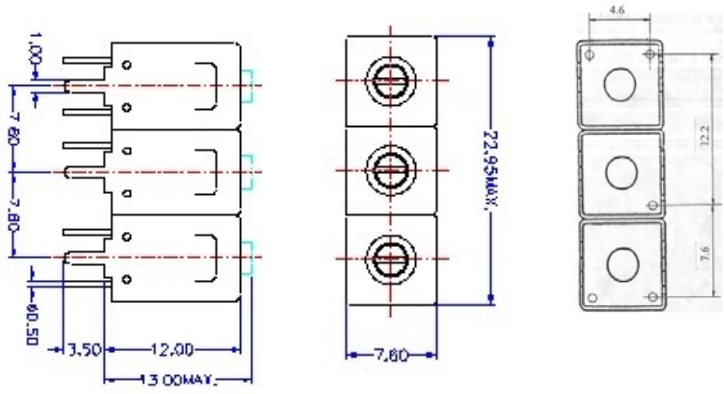


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67476D-775M
Approval No. /dated	20105049D	Acceptable Specify Fo. Range	751~800MHz
Work Instruction No.	20105049D	Date	

(1)Pin Position	(2)Size Diagram
 <p>(D) Type</p> <p>Bottom View</p>	

(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		775 MHz	775 MHz
Tunable Range		775±5 MHz	775±5 MHz
Insertion Loss		Typ. 3.0 dB	1.7 dB
-3 dB Bandwidth		Typ. 35 MHz	42 MHz
Sensitivity (Attenuation)	Fo -100 MHz	Typ. 50 dBc	52 dBc
	Fo +100 MHz	Typ. 40 dBc	42 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	27.6 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
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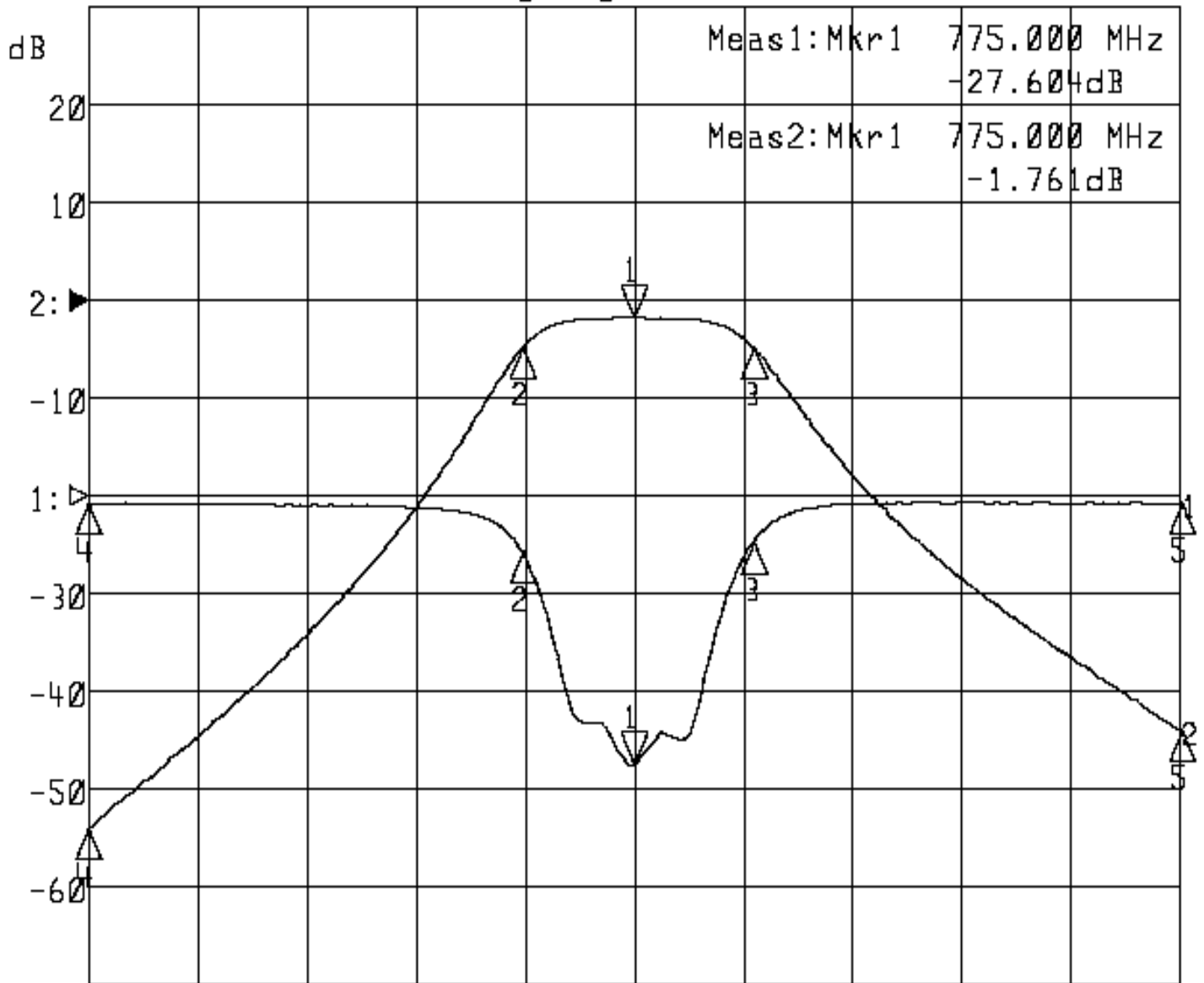
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*6.5)F 7H046LB5

TEMWELL CORPORATION

Performance-TT67476D-775M

20105049D

▷1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 775.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 775.0000	-27.604	1> 775.0000	-1.761
2: 754.5333	-5.752	2: 754.5333	-4.818
3: 796.8000	-4.694	3: 796.8000	-4.822
4: 675.0000	-0.832	4: 675.0000	-54.053
5: 875.0000	-0.823	5: 875.0000	-44.034