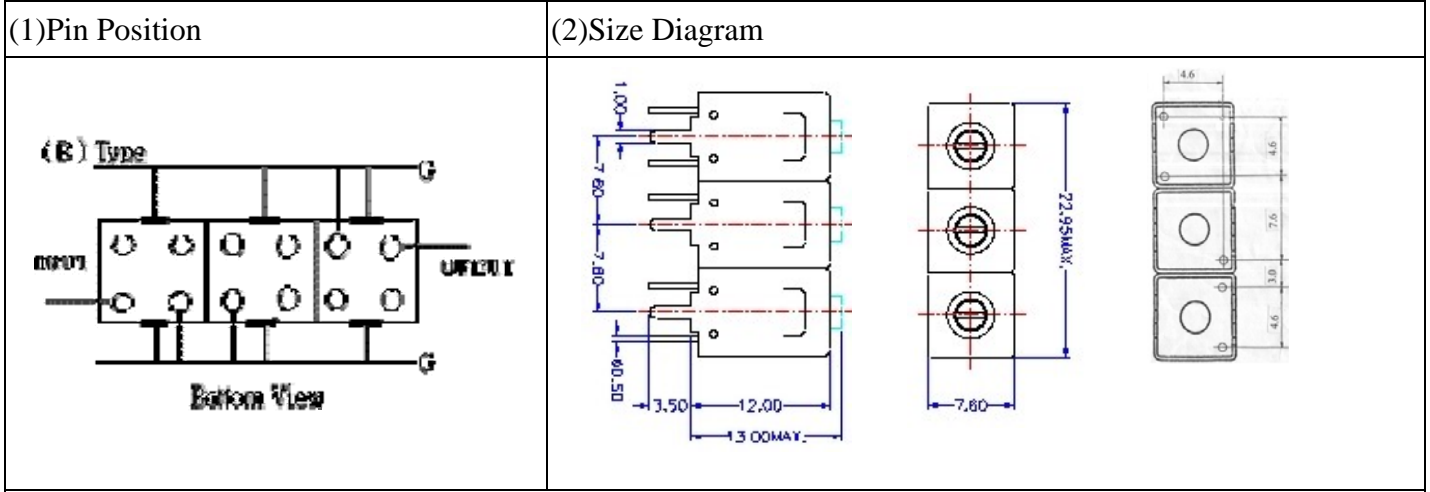


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL6759B-186M
Approval No. /dated	20210040DB	Acceptable Specify Fo. Range	166~195MHz
Work Instruction No.	20210040DB	Date	Oct.17.2002



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	186 MHz	186 MHz	
Tunable Range	186±2 MHz	186±2 MHz	
Insertion Loss	Typ. 3.0 dB	2.3 dB	
-3 dB Bandwidth	Typ. 9 MHz	10 MHz	
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 49 dBc	52 dBc
	Fo + 30 MHz	Typ. 39 dBc	42 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22.9 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 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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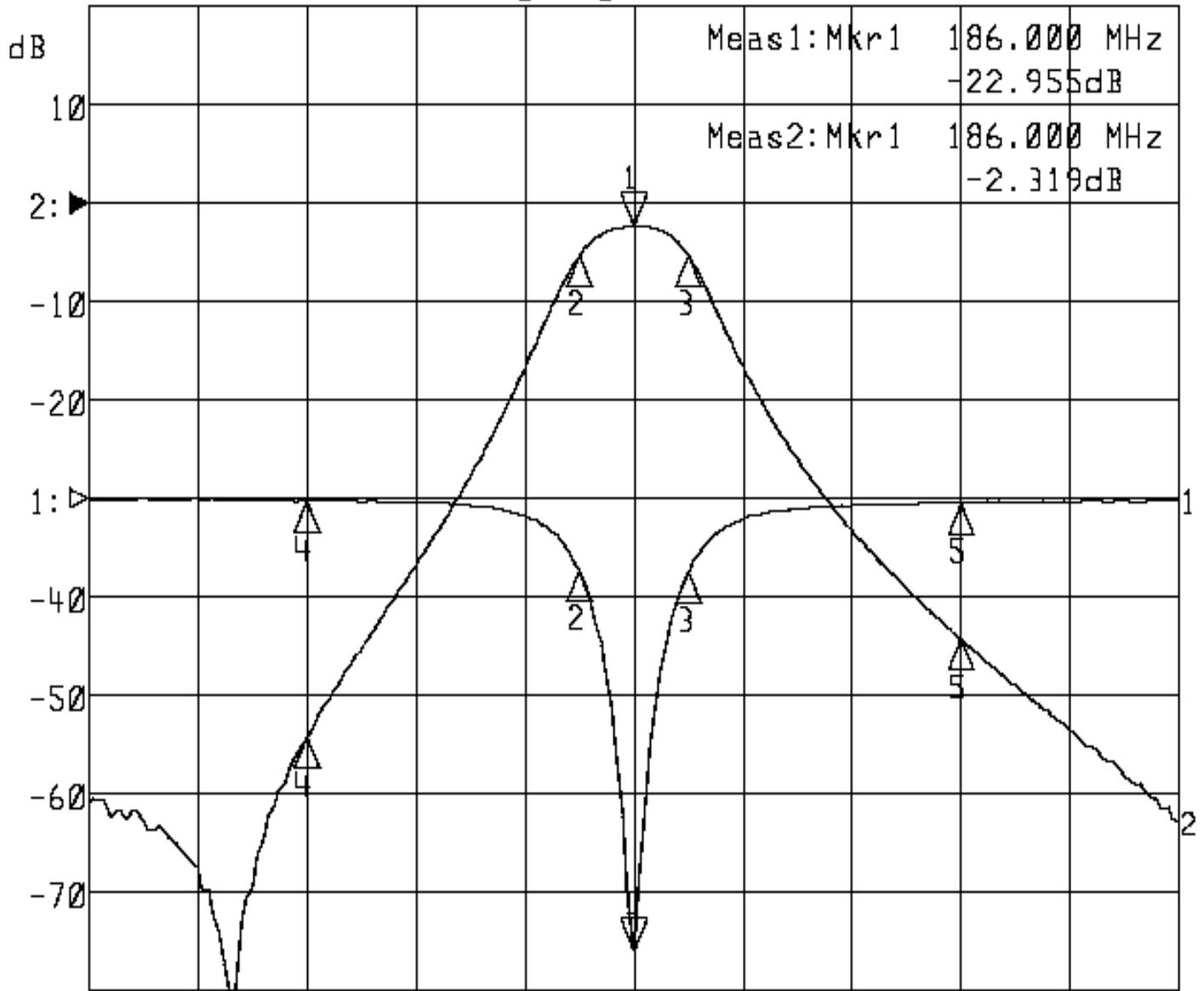
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H3S(4*7.5)F 7H024LB4

TEMWELL CORPORATION

Performance-TTL6759B-186M

20210040DB

▷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 186.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 186.0000	-22.955	1> 186.0000	-2.319
2: 181.0000	-3.626	2: 181.0000	-5.368
3: 191.0333	-3.700	3: 191.0333	-5.332
4: 156.0000	-0.113	4: 156.0000	-54.307
5: 216.0000	-0.222	5: 216.0000	-44.330