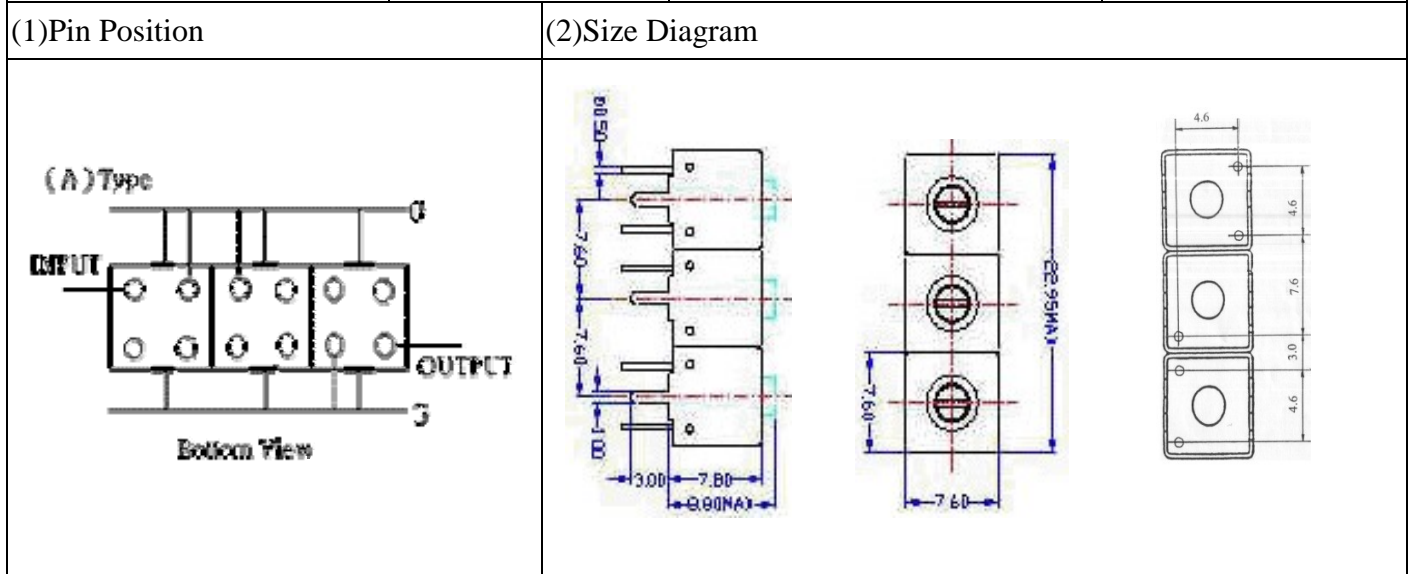


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3244A-1175M
Approval No. /dated	20110042DC	Acceptable Specify Fo. Range	1101~1180MHz
Work Instruction No.	20110042DC	Date	2001.10.19



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1175 MHz	1175 MHz
Tunable Range	1175 ±10 MHz	1175 ±10 MHz
Insertion Loss	Typ. 3.5 dB	2.7 dB
-3 dB Bandwidth	Typ. 75 MHz	81 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 26 dBc
	Fo + 100 MHz	Typ. 17 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	15.6 dB
Ripple	< 1 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

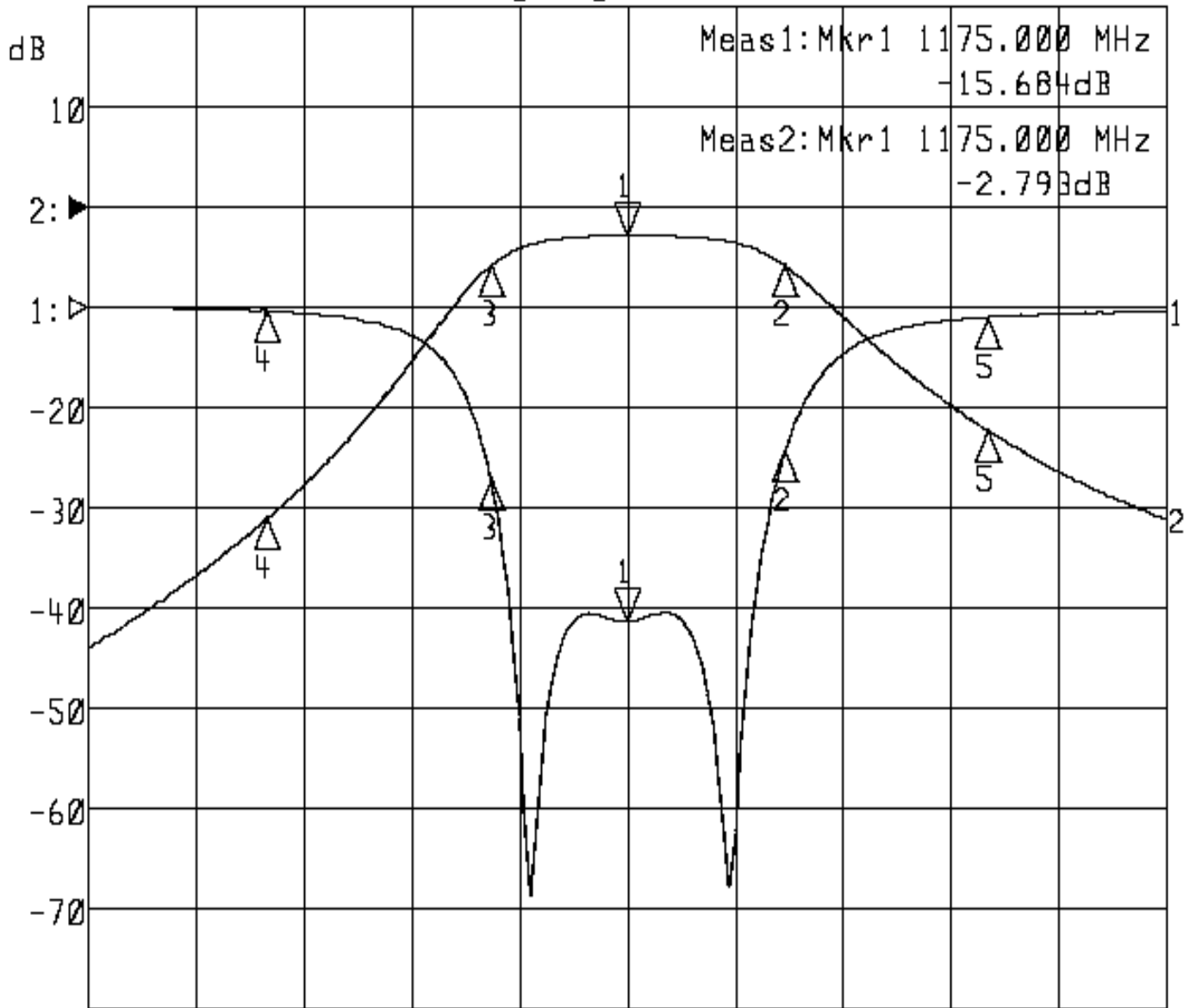
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S(4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3244A-1175M

20201040DC

▶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 1 175.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1175.0000	-15.684	1> 1175.0000	-2.793
2: 1218.8000	-7.181	2: 1218.8000	-5.813
3: 1137.0000	-8.485	3: 1137.0000	-5.825
4: 1075.0000	-0.162	4: 1075.0000	-31.017
5: 1275.0000	-0.493	5: 1275.0000	-22.190