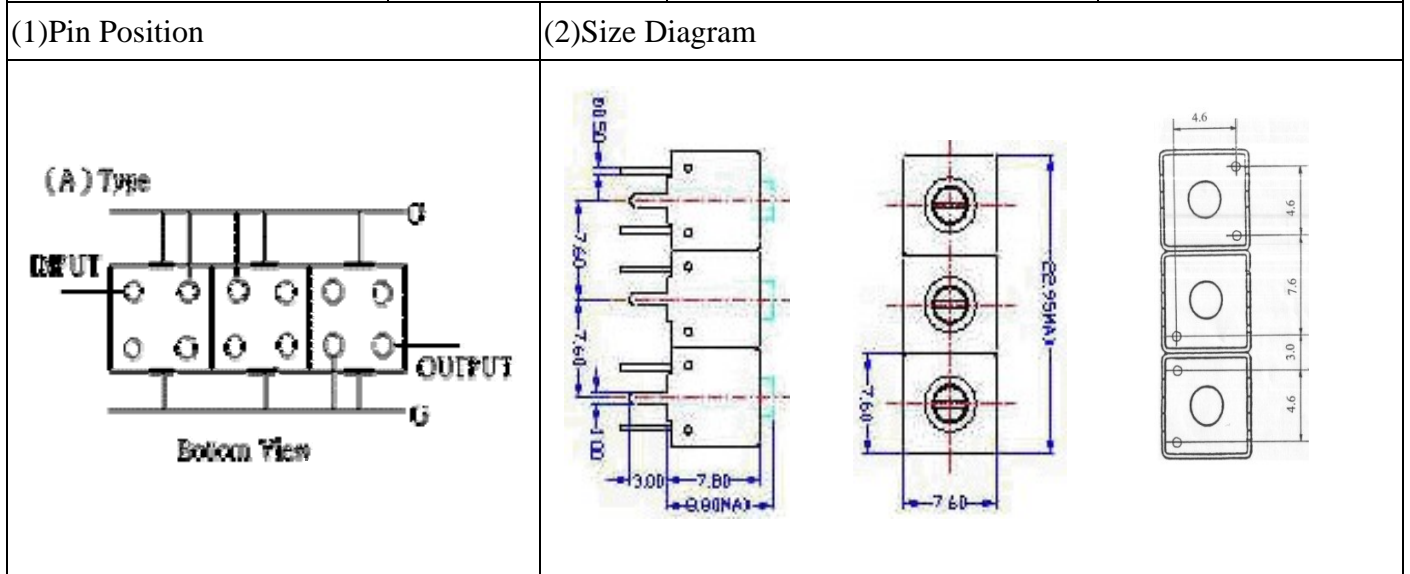


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3243A-1125M
Approval No. /dated	20201037DC	Acceptable Specify Fo. Range	1101~1180MHz
Work Instruction No.	20201037DC	Date	2002.01.21.

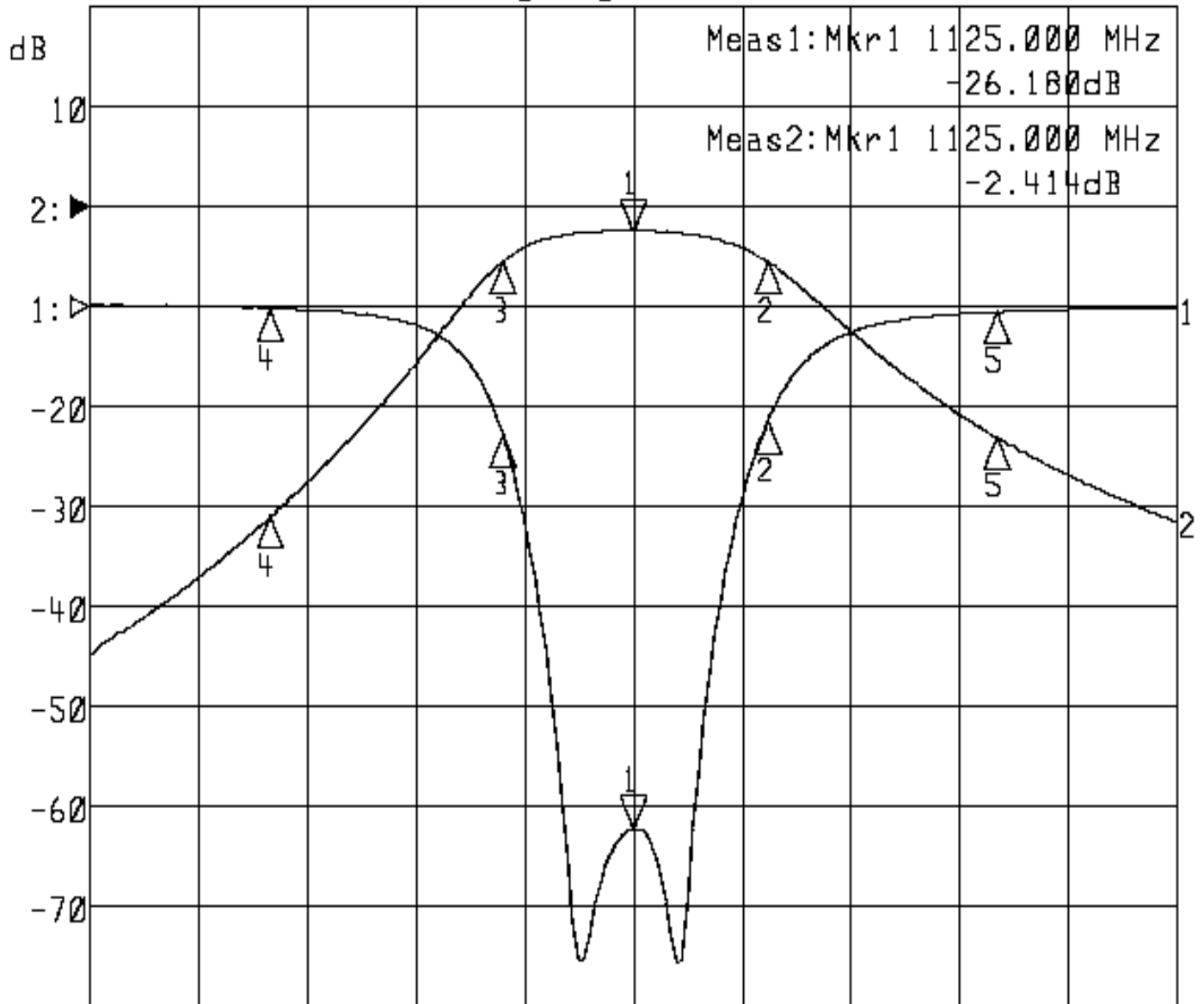


(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1075 MHz	1075 MHz
Tunable Range		1075 ±10 MHz	1075 ±10 MHz
Insertion Loss		Typ. 3.0 dB	2.4 dB
-3 dB Bandwidth		Typ. 60 MHz	67 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 28 dBc	31 dBc
	Fo + 100 MHz	Typ. 18 dBc	21 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	33 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	7S3S(4*5.2) 7S046LB4
TEMWELL CORPORATION			

Performance-TTS3243A-1125M

20201037DC

▶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 1 125.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1125.0000	-26.180	1> 1125.0000	-2.414
2: 1161.9000	-5.789	2: 1161.9000	-5.449
3: 1089.1000	-6.401	3: 1089.1000	-5.491
4: 1025.0000	-0.092	4: 1025.0000	-31.039
5: 1225.0000	-0.293	5: 1225.0000	-23.053