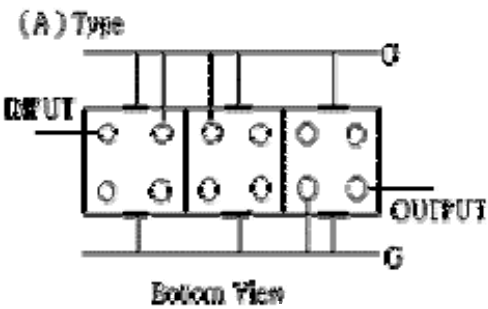
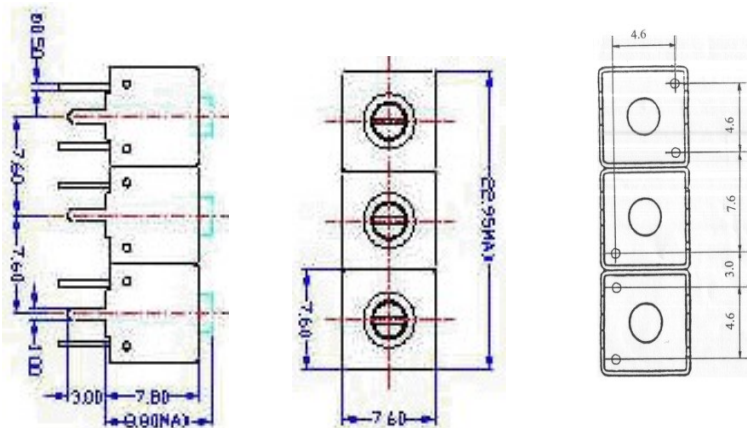


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3245A-1225M
Approval No. /dated	20201049DC	Acceptable Specify Fo. Range	1181~1250MHz
Work Instruction No.	20201049DC	Date	2002.01.21.

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

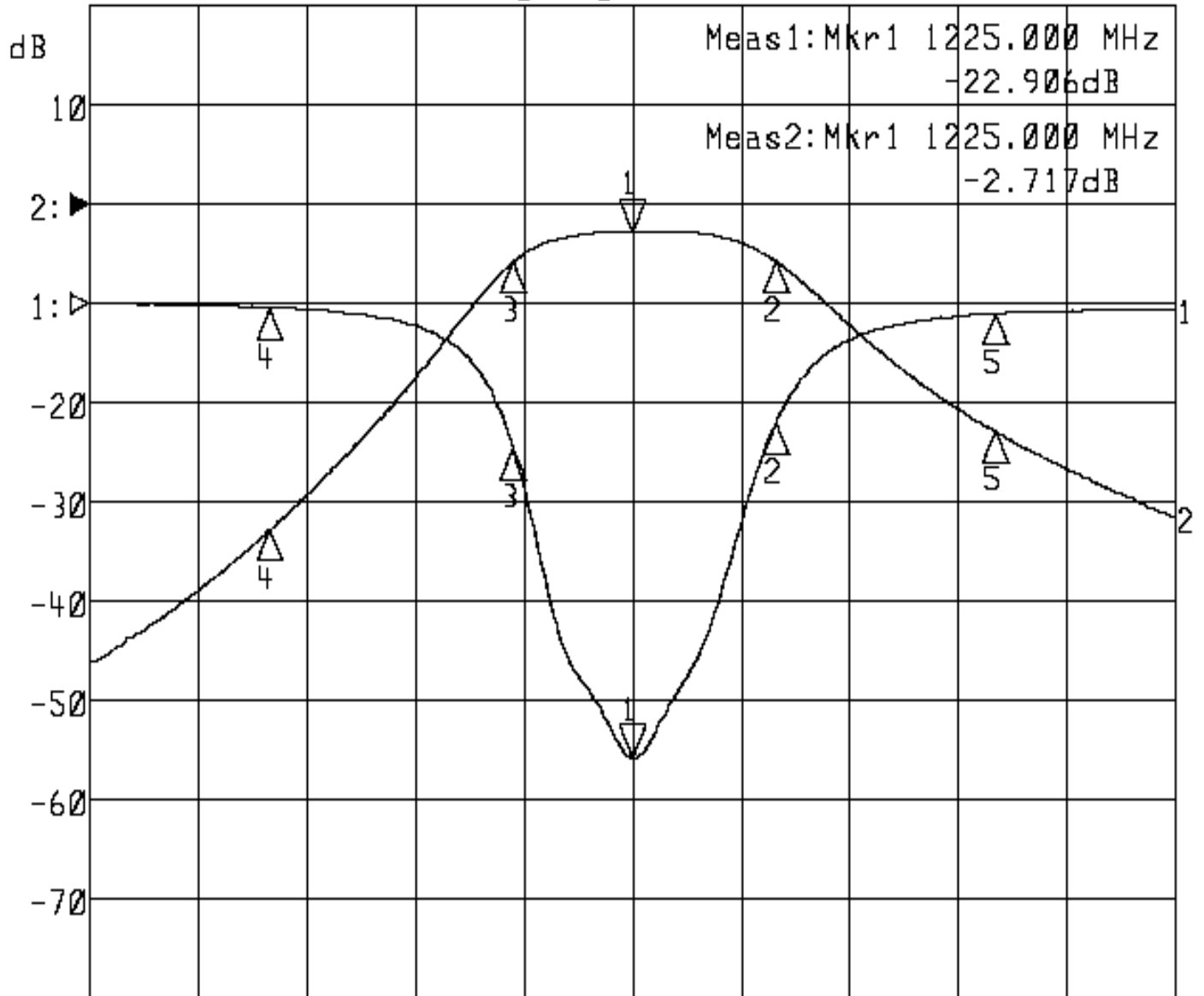
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1225 MHz	1225 MHz
Tunable Range		1225 ±10 MHz	1225 ±10 MHz
Insertion Loss		Typ. 3.5 dB	2.7 dB
-3 dB Bandwidth		Typ. 56 MHz	72 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 27 dBc	30 dBc
	Fo + 100 MHz	Typ. 17 dBc	20 dBc
	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 : 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		> 1 Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S(4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3245A-1225M

20201049DC

►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 1 225.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1225.0000	-22.906	1> 1225.0000	-2.717
2: 1264.5000	-6.052	2: 1264.5000	-5.720
3: 1192.1000	-7.218	3: 1192.1000	-5.810
4: 1125.0000	-0.214	4: 1125.0000	-32.811
5: 1325.0000	-0.531	5: 1325.0000	-22.854