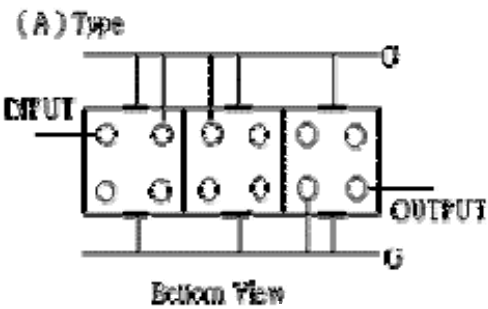
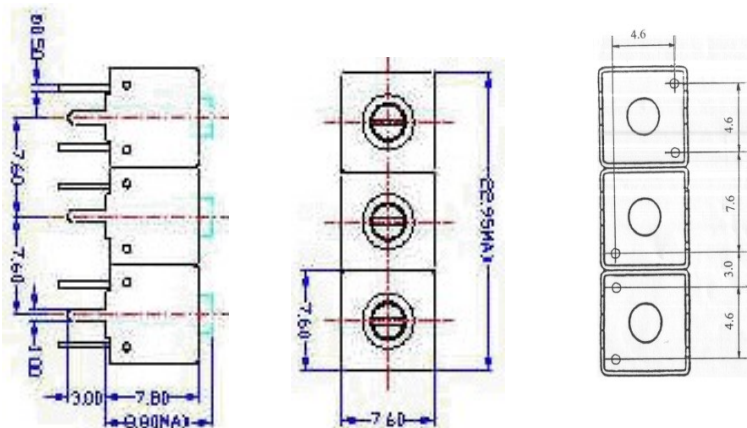


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3246A-1275M
Approval No. /dated	20201052DC	Acceptable Specify Fo. Range	1251~1300MHz
Work Instruction No.	20201052DC	Date	2002.01.24.

<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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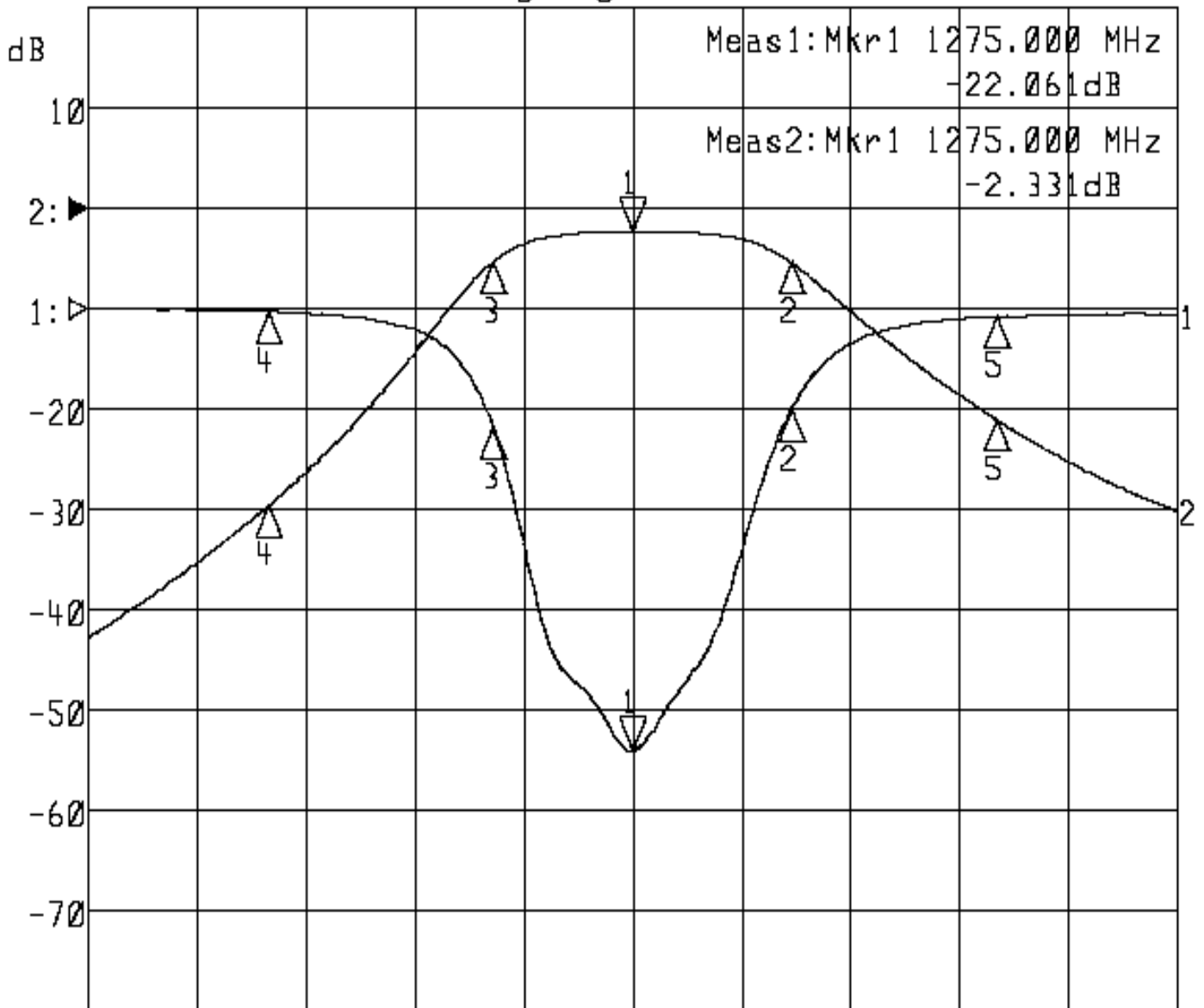
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1275 MHz	1275 MHz
Tunable Range		1275 ±10 MHz	1275 ±10 MHz
Insertion Loss		Typ. 3.0 dB	2.3 dB
-3 dB Bandwidth		Typ. 76 MHz	82 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 24 dBc	27 dBc
	Fo + 100 MHz	Typ. 15 dBc	18 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	22 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) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3246A-1275M

20201052DC

▶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 1 275.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1275.0000	-22.061	1> 1275.0000	-2.331
2: 1318.5000	-5.019	2: 1318.5000	-5.344
3: 1236.6000	-5.849	3: 1236.6000	-5.326
4: 1175.0000	-0.135	4: 1175.0000	-29.559
5: 1375.0000	-0.416	5: 1375.0000	-20.990