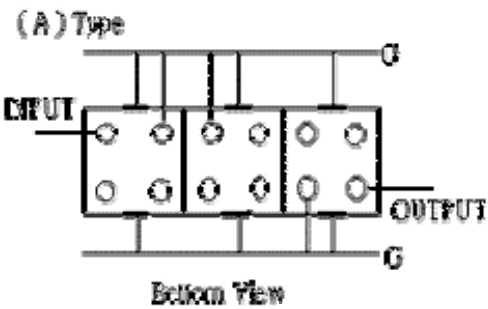
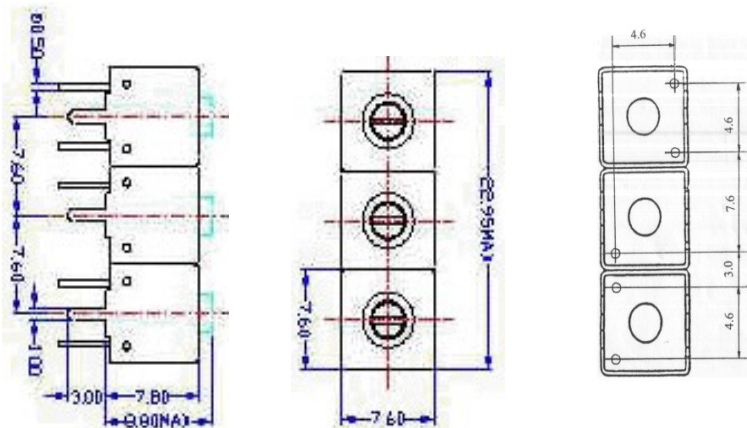


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3233A-1025M
Approval No. /dated	20201031DC	Acceptable Specify Fo. Range	100~1100MHz
Work Instruction No.	20201031DC	Date	2002.01.21

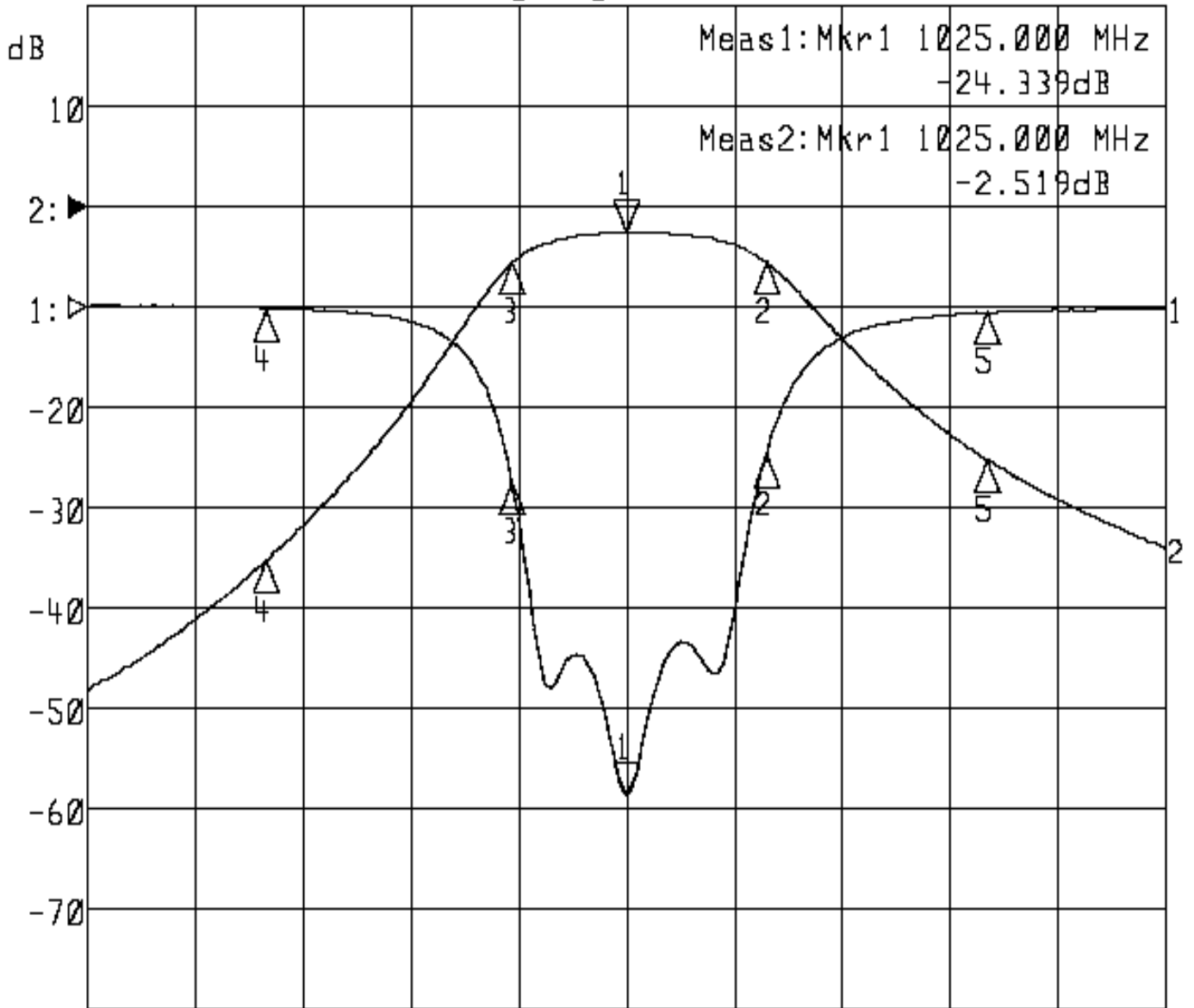
<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1025 MHz	1025 MHz
Tunable Range		1025 ±10 MHz	1025 ±10 MHz
Insertion Loss		Typ. 3.5 dB	2.5 dB
-3 dB Bandwidth		Typ. 65 MHz	70 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 30 dBc	33 dBc
	Fo + 100 MHz	Typ. 20 dBc	23 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	24.3 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-TTS3233A-1025M

20201031DC

▶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 1 025.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1025.0000	-24.339	1> 1025.0000	-2.519
2: 1063.8000	-7.333	2: 1063.8000	-5.511
3: 993.3000	-8.730	3: 993.3000	-5.594
4: 925.0000	-0.073	4: 925.0000	-35.252
5: 1125.0000	-0.303	5: 1125.0000	-25.141