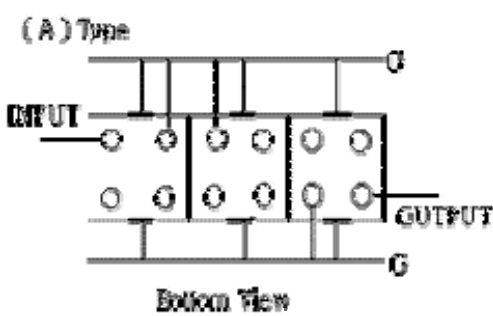
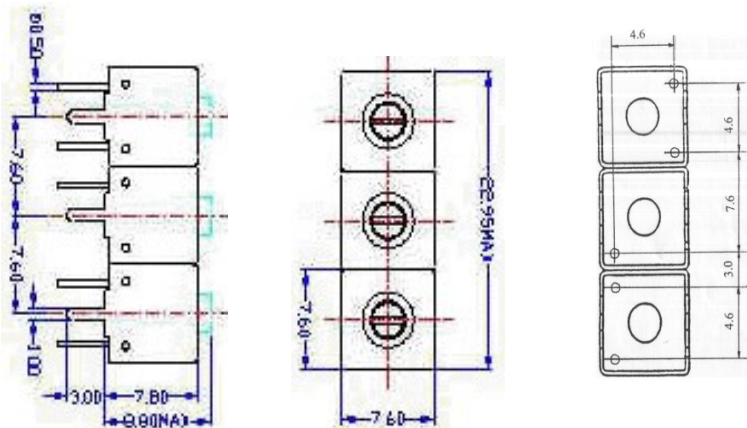


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3215A-960M
Approval No. /dated	20103034DC	Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	20103034DC	Date	2001.4.09

<p>(1) Pin Position</p>  <p>(A) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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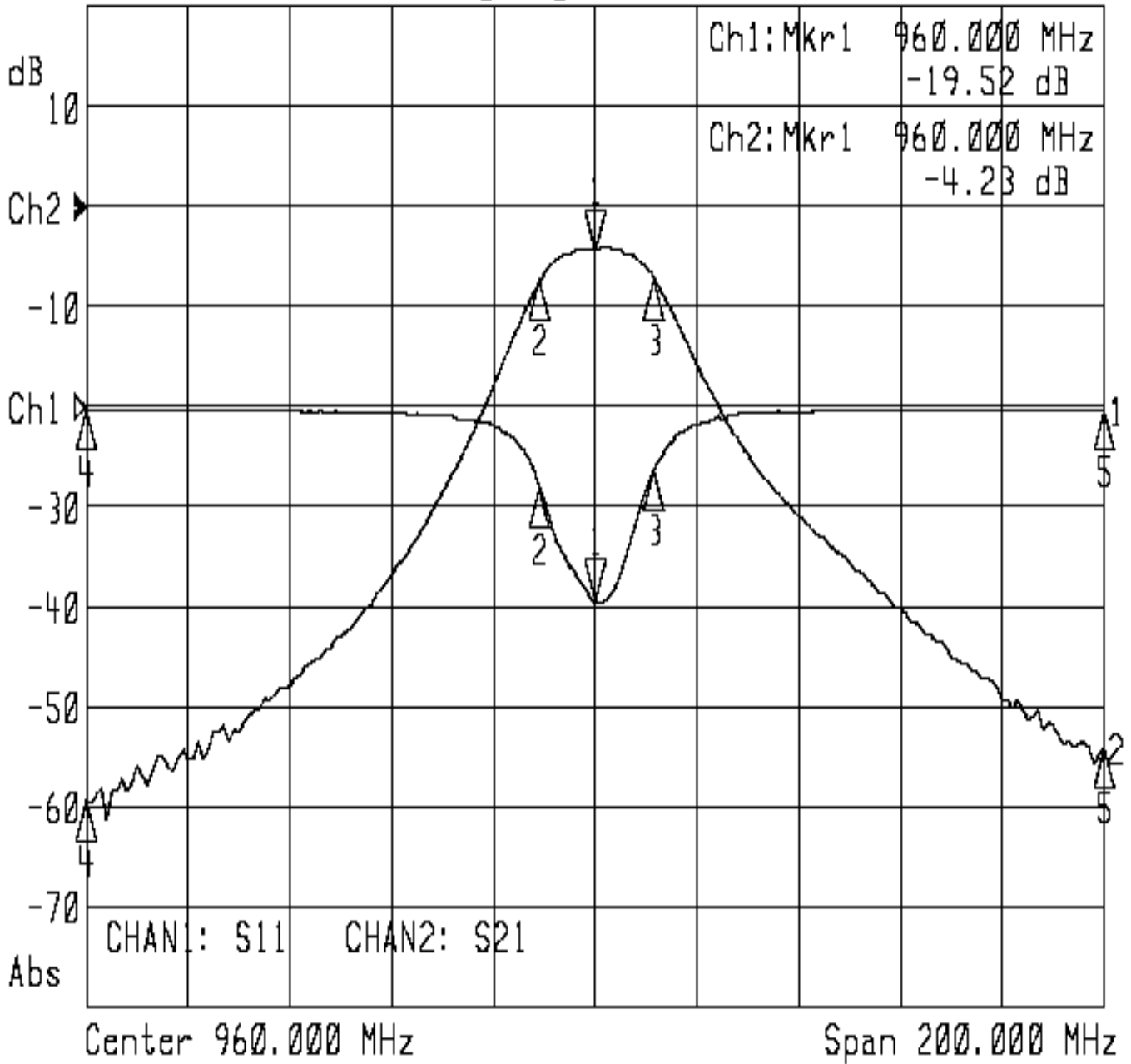
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		960 MHz	960 MHz
Tunable Range		960 ±10 MHz	960 ±10 MHz
Insertion Loss		Typ. 5.0 dB	4.2 dB
-3 dB Bandwidth		Typ. 17 MHz	22 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 52 dBc	55 dBc
	Fo +100 MHz	Typ. 46 dBc	49 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	19.5 dB
Ripple		< 1 dB	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*4.5) 7S046LB4

TEMWELL CORPORATION

Performance-TTS3215A-960M

20103034DC

▶1: Reflection Log Mag 10.0 dB/ Ref 0.00 dB C
 ▶2: Transmission Log Mag 10.0 dB/ Ref 0.00 dB C



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 960.00	-19.52	1> 960.00	-4.23
2: 949.18	-8.07	2: 949.18	-7.26
3: 971.70	-6.12	3: 971.70	-7.22
4: 860.16	-0.28	4: 860.16	-59.43
5: 1060.00	-0.33	5: 1060.00	-53.99