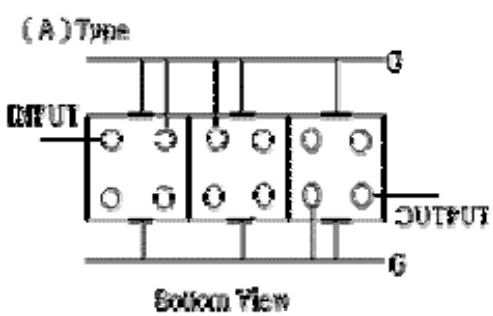
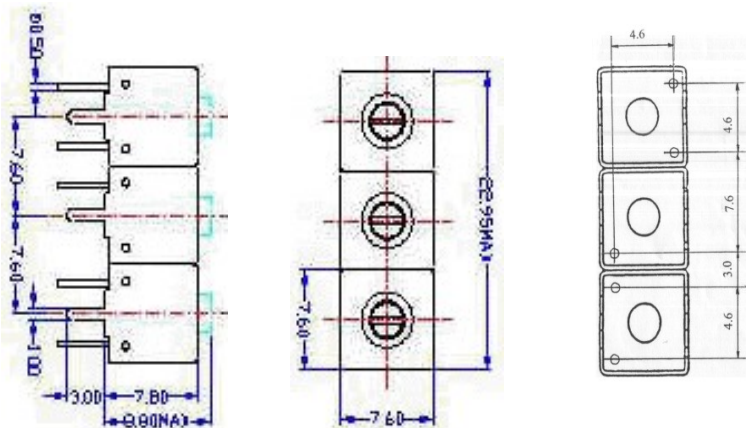


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3162A-845M
Approval No. /dated	20110024DC	Acceptable Specify Fo. Range	831~860MHz
Work Instruction No.	20110024DC	Date	2001.10.17

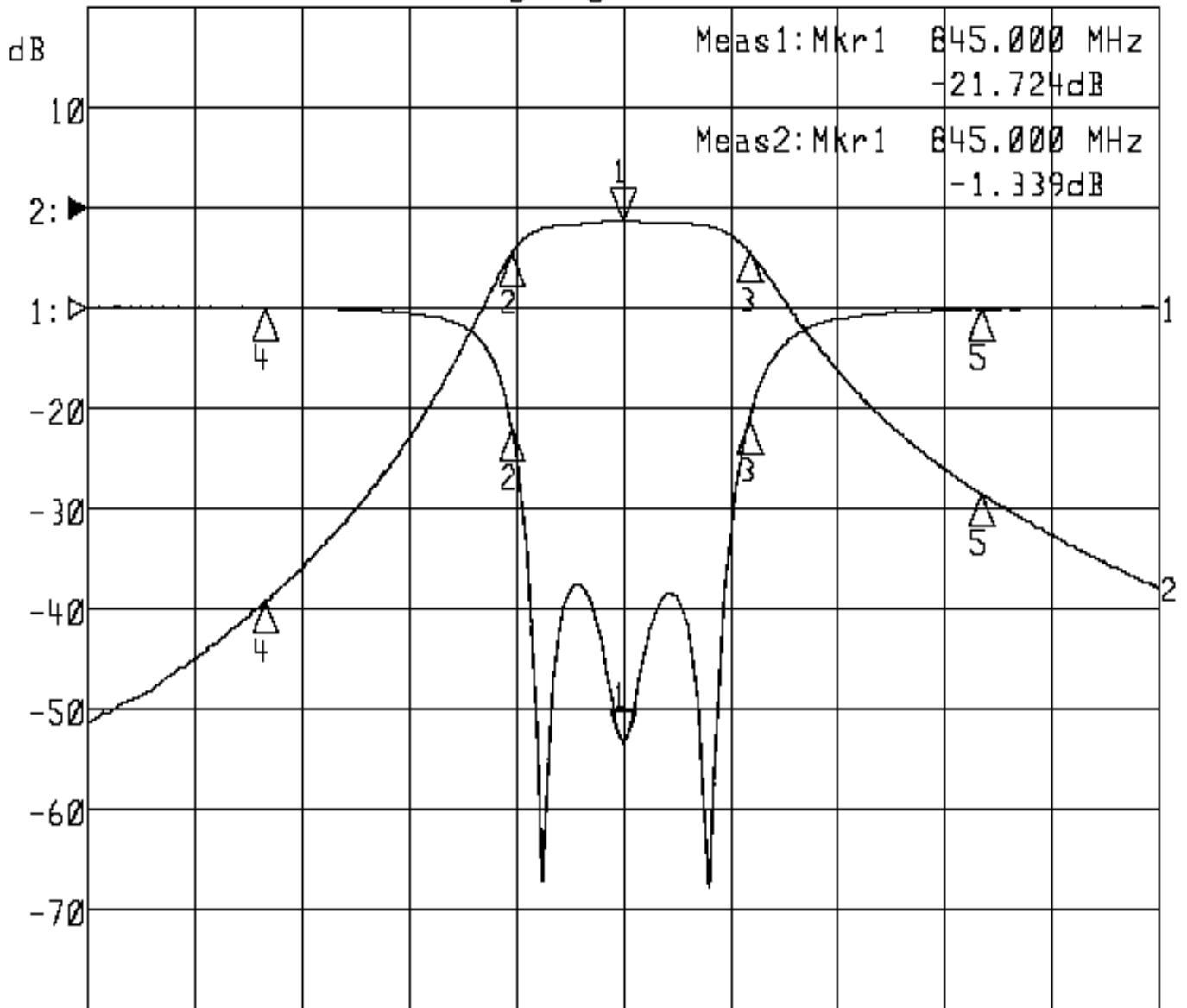
(1)Pin Position	(2)Size Diagram
 <p>(A) Type Bottom View</p>	

(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		845 MHz	845 MHz
Tunable Range		845±10 MHz	845±10 MHz
Insertion Loss		Typ. 2.0 dB	1.3 dB
-3 dB Bandwidth		Typ 62 MHz	66 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 35 dBc	38 dBc
	Fo + 100 MHz	Typ. 24 dBc	27 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	21.7 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	7H3S(4*5.2) 7H046LB6
TEMWELL CORPORATION			

Performance-TTS3162A-845M

20110024DC

▶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



Meas1:Mkr1 845.000 MHz
 -21.724dB
 Meas2:Mkr1 845.000 MHz
 -1.339dB

Center 845.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 845.0000	-21.724	1> 845.0000	-1.339
2: 814.0000	-6.029	2: 814.0000	-4.441
3: 880.2000	-5.603	3: 880.2000	-4.338
4: 745.0000	-0.022	4: 745.0000	-39.251
5: 945.0000	-0.055	5: 945.0000	-28.450