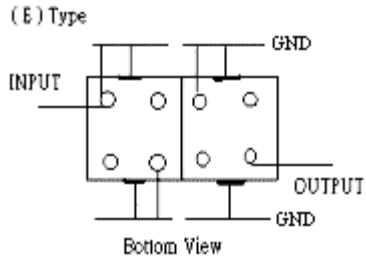
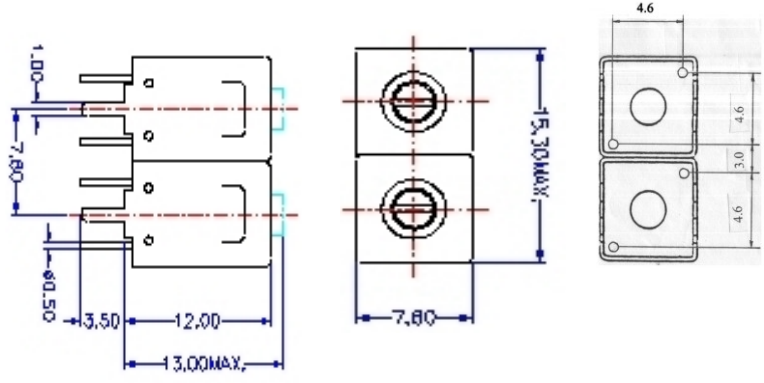


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD6740E3-430M
Approval No. /dated	20201043B	Acceptable Specify Fo. Range	401~455M
Work Instruction No.	20201043B	Date	2002.01.11

<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 %	430 MHz	430 MHz	
Tunable Range:	430±5 MHz	430±5 MHz	
Insertion Loss	Typ. 3.0 dB	1.90 dB	
-1 dB Bandwidth	Typ. 5 MHz	8 MHz	
-3 dB Bandwidth	Typ. 10 MHz	13 MHz	
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 10 dBc	13 dBc
	Fo + 30 MHz	Typ. 18 dBc	21 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	18.8 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
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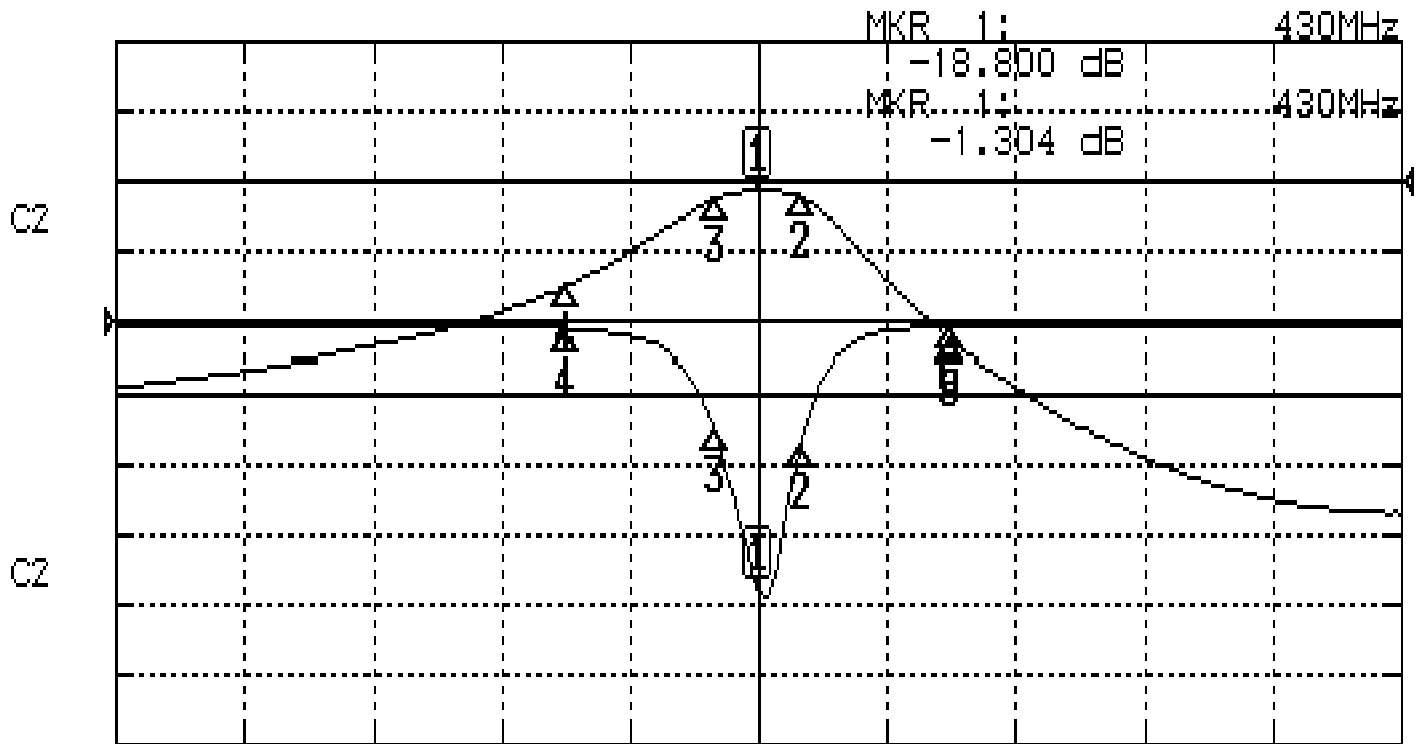
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2S(4*5.5) 7H046LB4

TEMWELL CORPORATION

Performance-TD6740E3-430M

20201043B

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 430MHz

[10.00 dBm]

SPAN 200MHz

CH1 MARKER LIST

Marker	Frequency (MHz)	Magnitude (dB)
1	430.0000	-18.800
2	436.8333	-8.510
3	423.3333	-7.500
4	400.0000	-0.486
5	460.0000	-0.284

CH2 MARKER LIST

Marker	Frequency (MHz)	Magnitude (dB)
1	430.0000	-1.304
2	436.8333	-2.367
3	423.3333	-2.360
4	400.0000	-14.963
5	460.0000	-22.393