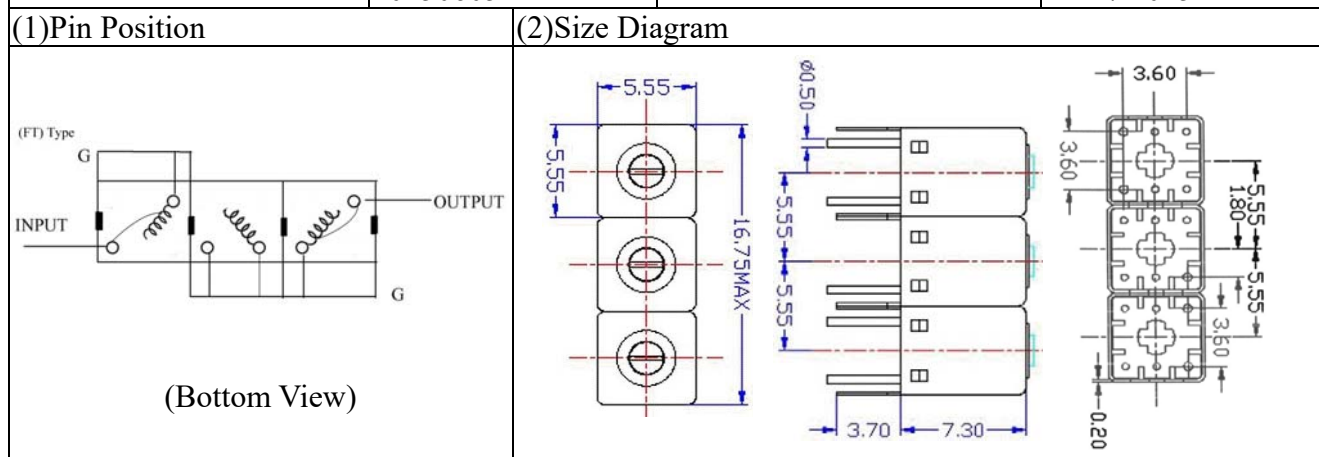


VHF UHF Helical Filter Specification Sheet

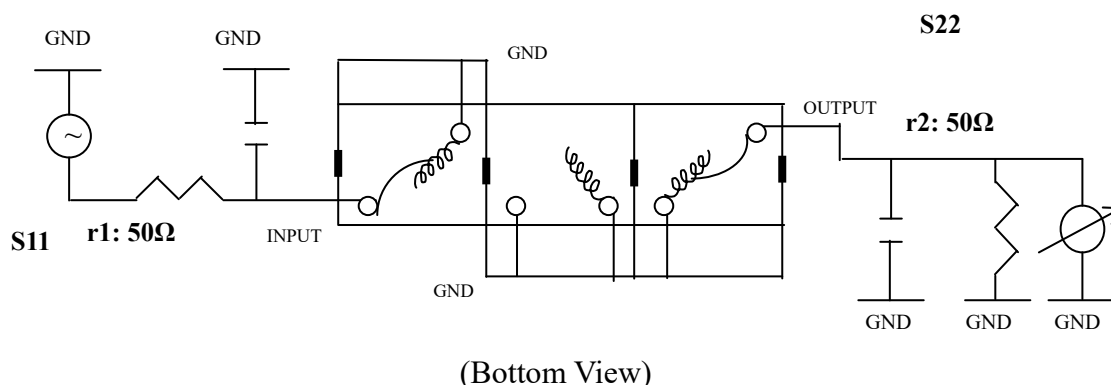
Customer Name		Temwell's Part No.	TTR3897FT-424.5M
Approval No. /dated		Temwell's Print Name	3897FT 424.5M
Work Instruction No.	201506054A	Date	Jul.17.2015



(3)Electric Chararistic

Item	Specify	
Center Freq.(Fo) +/- 0.5 %	424.5	MHz
Insertion Loss	Typ. 3.0	dB
-3 dB Bandwidth	Typ. 21	MHz
Sensitivity (Attenuation)	Fo -(50) MHz	Typ. 25 dB
	Fo +(50) MHz	Typ. 28 dB
	Fo-()MHz	Typ. dB
	Fo+()MHz	Typ. dB
Return Loss	Min. 12	dB
Ripple	< 1	dB
Impedance	In / Out : 50 Ω	
(4)Torque for Tuning Screw	> 60gf · cm	
(5)Temperature Condition:		
Operating Temperature	0°C ~ +60°C	
Storage Temperature	-20°C ~ +70°C	
(6)Input Power	> 0.5Watt	

(7)Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(--)



Approval C.Y.Chang	Supervisor C.K.Chang	Designer P.H..Chiang	Aperture size 5R3S(3.8*3.65)(3.72) 5HW024LB3.6
-----------------------	-------------------------	-------------------------	--

TEMWELL CORPORATION

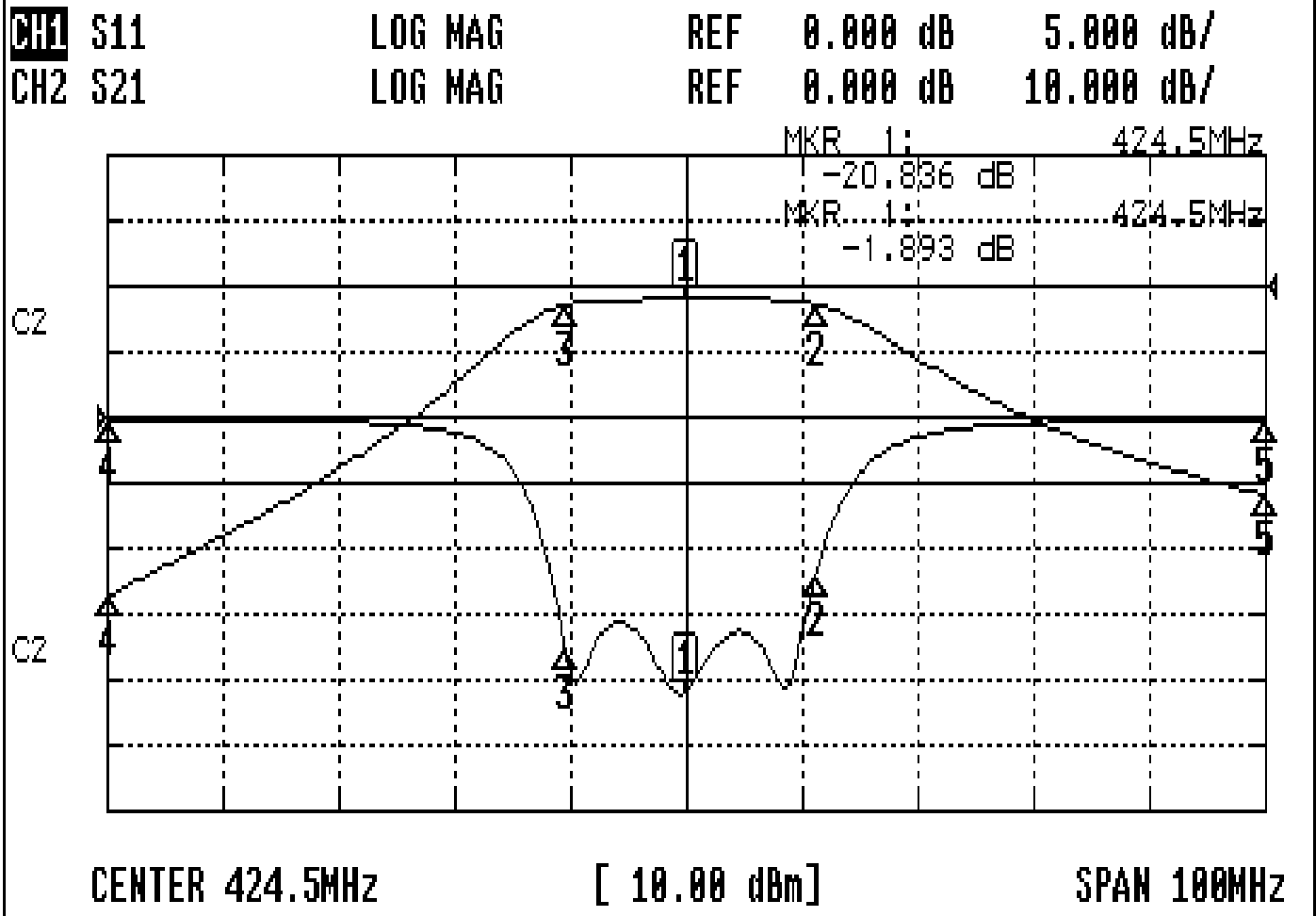
TEMWELL

Form10-5R3FT Vision D

RP(W.S.C)

Performance-TTR3897FT-424.5M

201506054A



CH1 MARKER LIST

1	424.500MHz	-20.836	dB
2	435.750MHz	-12.034	dB
3	414.166MHz	-17.683	dB
4	374.500MHz	-0.172	dB
5	474.500MHz	-0.199	dB

CH2 MARKER LIST

1	424.500MHz	-1.893	dB
2	435.750MHz	-2.857	dB
3	414.166MHz	-2.879	dB
4	374.500MHz	-47.278	dB
5	474.500MHz	-31.712	dB