

VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65217C-118M
Approval No. /dated	201807019CD	Temwell's Print Name.	65217C 118M
Work Instruction No.	201807019CD	Date	Aug.6.2018

<p>(1) Pin Position</p>	<p>(2) Size Diagram</p>
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(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	118 MHz	118 MHz
Insertion Loss	Typ. 2.0 dB	1.58 dB
-3 dB Bandwidth	Typ. 23 MHz	26.9 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 58 dBc
	Fo +30 MHz	Typ. 33 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	22.2 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

(4) Torque for Tuning Screw > 60gf · cm

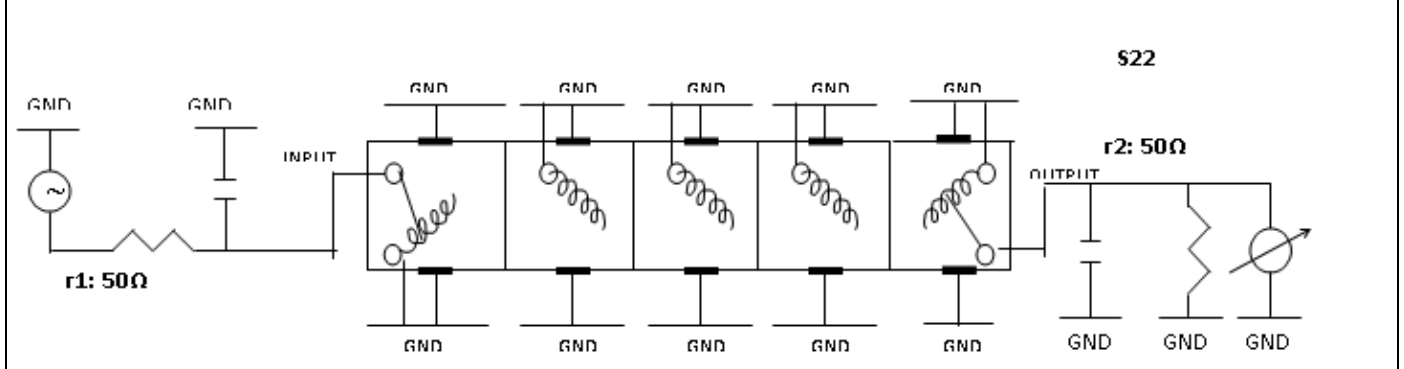
(5) Temperature Condition:

Operating Temperature 0°C ~ +60°C

Storage Temperature -20°C ~ +70°C

(6) Input Power > 1 Watt

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



(Bottom View)

Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 7H5S-4*6.5(6.58) 7H024RB6.5
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Performance-TV65217C-118M

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