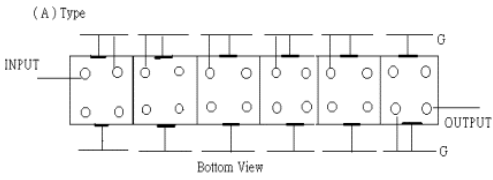
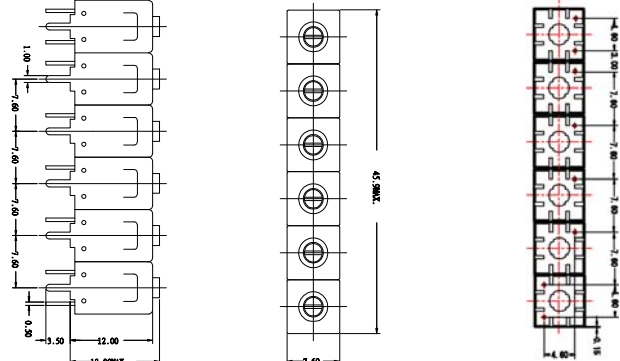


VHF UHF Helical Filter Specification Sheet

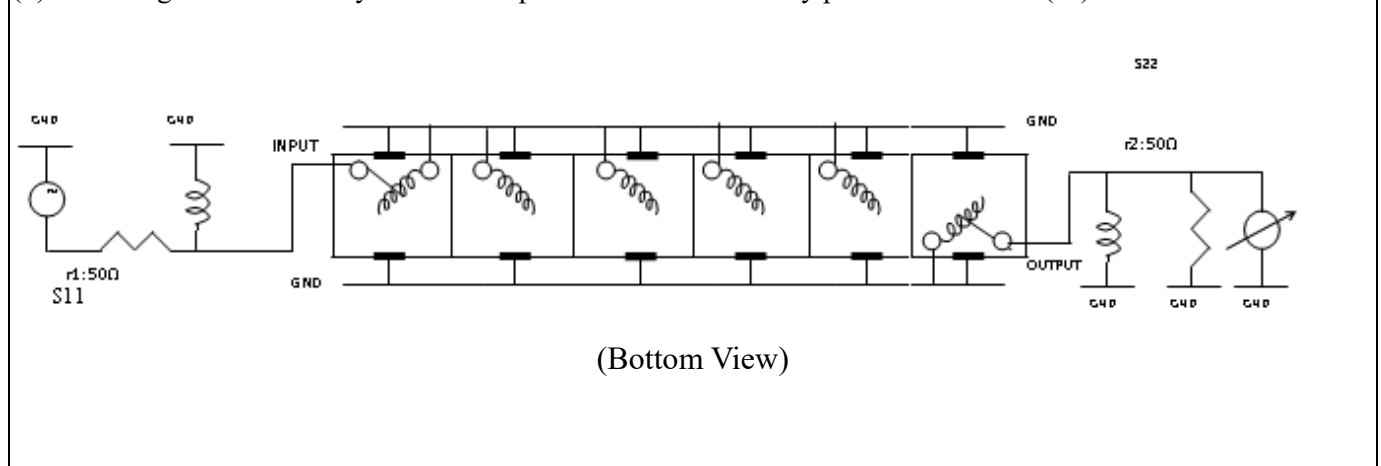
Customer Name		Temwell's Part No.	TS6666A-780.5M
Approval No. /dated		Temwell's Print Name.	6666A 780.5M
Work Instruction No.	202001010CD	Date	Feb.11.2020

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

(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	780.5 MHz	780.5 MHz	
Insertion Loss	Typ. 4.0 dB	2.91 dB	
-3 dB Bandwidth	Typ. 45 MHz	46.7 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 50 dBc	55 dBc
	Fo +50 MHz	Typ. 34 dBc	39 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22.6 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	> 1Watt		

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



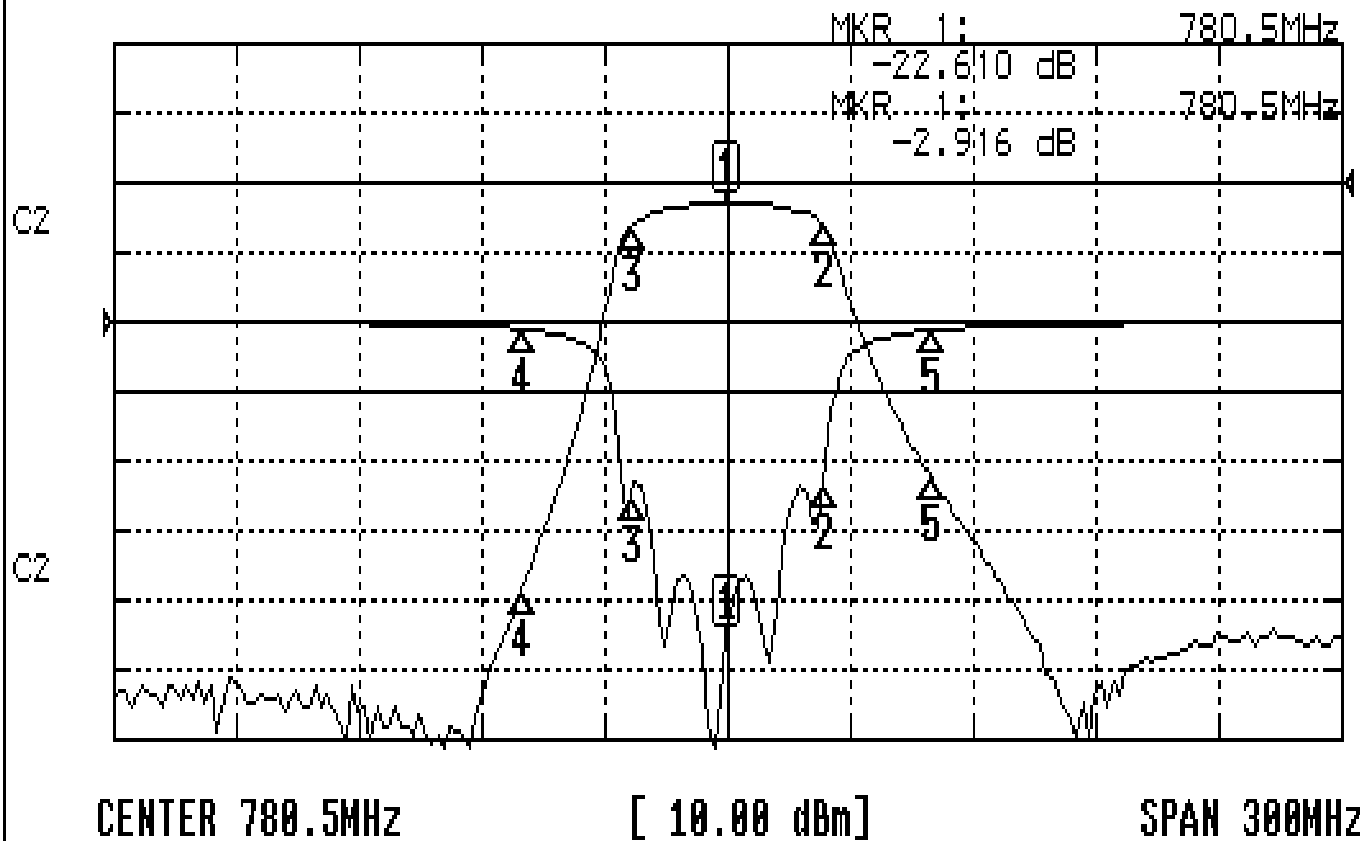
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	7H6S(4*6.35)(6.39) 7H046LB5

TEMWELL CORPORATION

Performance-TS666A-780.5M

202001010CD

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



CH1 MARKER LIST

1:	780.500MHz	-22.610	dB
2:	804.000MHz	-11.681	dB
3:	757.250MHz	-12.683	dB
4:	730.500MHz	-0.524	dB
5:	830.500MHz	-0.586	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST

1:	780.500MHz	-2.916	dB
2:	804.000MHz	-15.991	dB
3:	757.250MHz	-15.910	dB
4:	730.500MHz	-50.384	dB
5:	830.500MHz	-42.403	dB
6:			
7:			
8:			
9:			
10:			