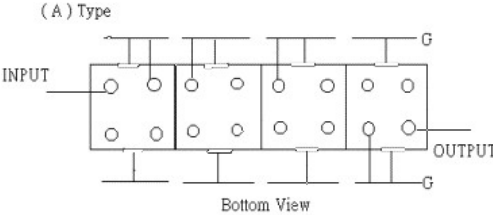
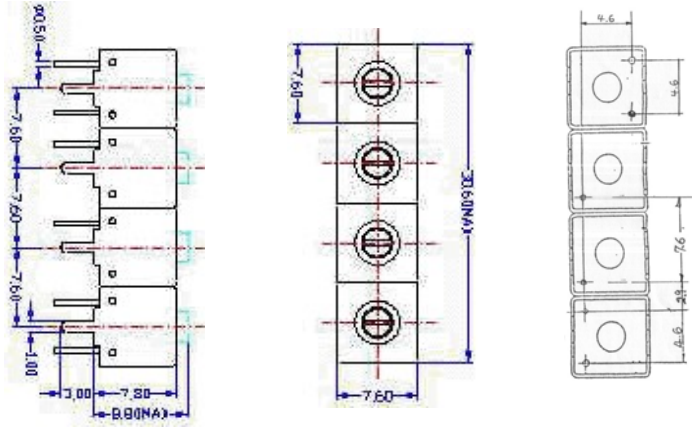


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFS4233A-1025M
Approval No. /dated	20201032DC	Acceptable Specify Fo. Range	1001~1100MHz
Work Instruction No.	20201032DC	Date	2002/1/24

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

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1025 MHz	1025 MHz	
Insertion Loss	Typ. 4.0 dB	3.4 dB	
-3 dB Bandwidth	Typ. 66 MHz	76 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 34 dBc	37 dBc
	Fo + 100 MHz	Typ. 29 dBc	32 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15 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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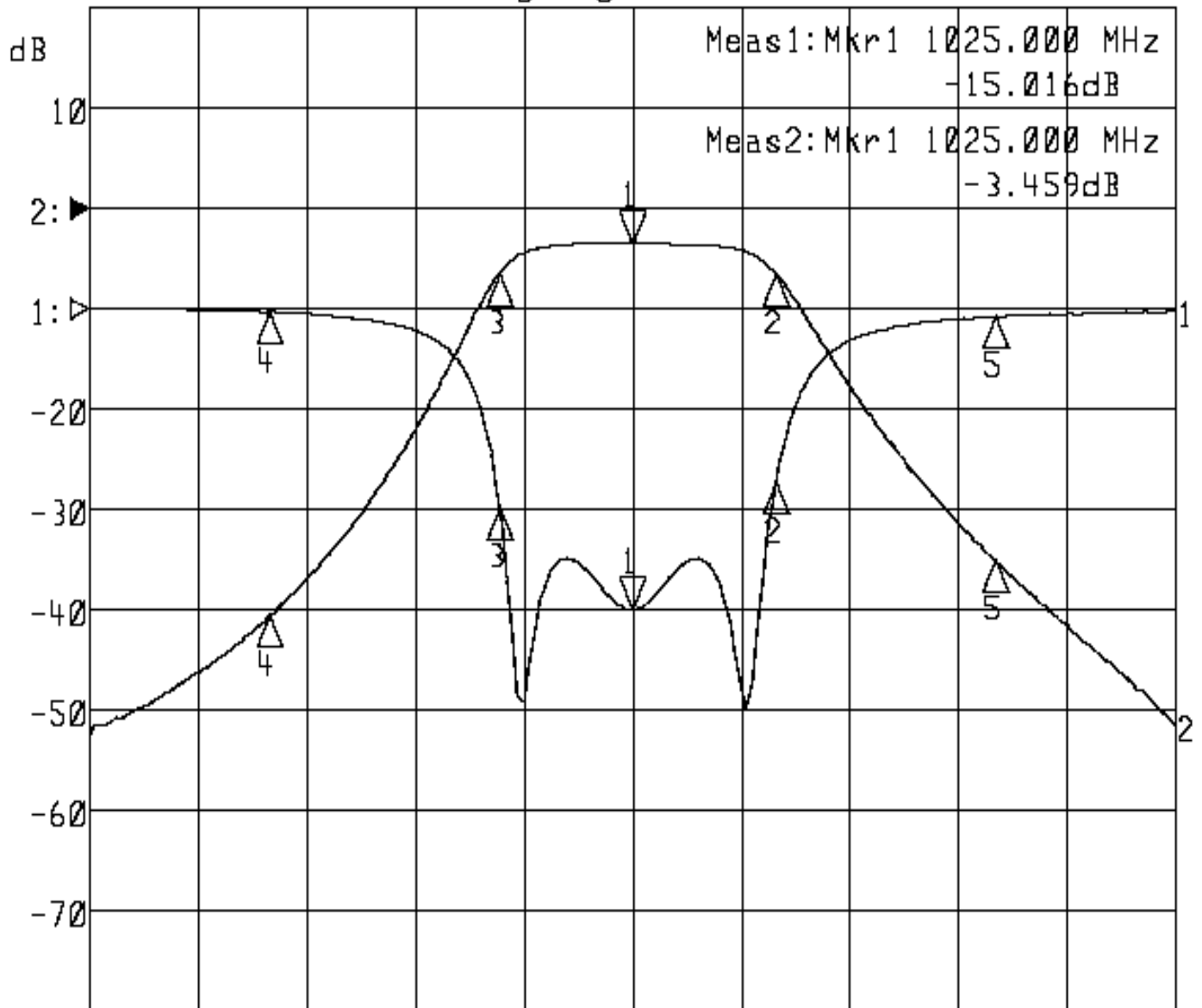
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S4S(4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TFS4233A-1025M

20201032DC

▶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



Center 1 025.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1025.0000	-15.016	1> 1025.0000	-3.459
2: 1064.6000	-8.651	2: 1064.6000	-6.465
3: 988.3000	-9.833	3: 988.3000	-6.400
4: 925.0000	-0.158	4: 925.0000	-40.614
5: 1125.0000	-0.394	5: 1125.0000	-35.059