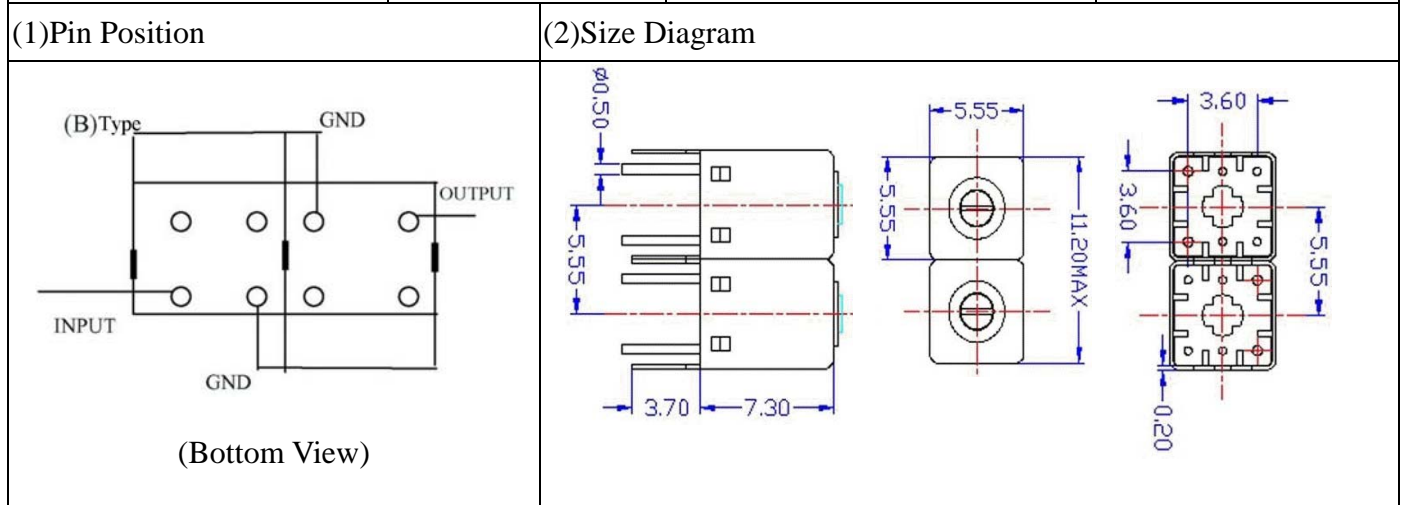


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2805B-1325M
Approval No. /dated	20204011DC	Acceptable Specify Fo. Range	1300~1350MHz
Work Instruction No.	20204011DC	Date	Apr.17.2002



(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1325 MHz	1325 MHz	
Tunable Range:	1325±10 MHz	1325±10 MHz	
Insertion Loss	Typ. 3.0 dB	2.4 dB	
-3 dB Bandwidth	Typ. 33 MHz	46.1 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 23 dBc	26 dBc
	Fo + 100 MHz	Typ. 20 dBc	23 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24 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	-30°C ~ +70°C
Storage Temperature	-30°C ~ +80°C

(6)Input Power > 0.5Watt

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*4.7)

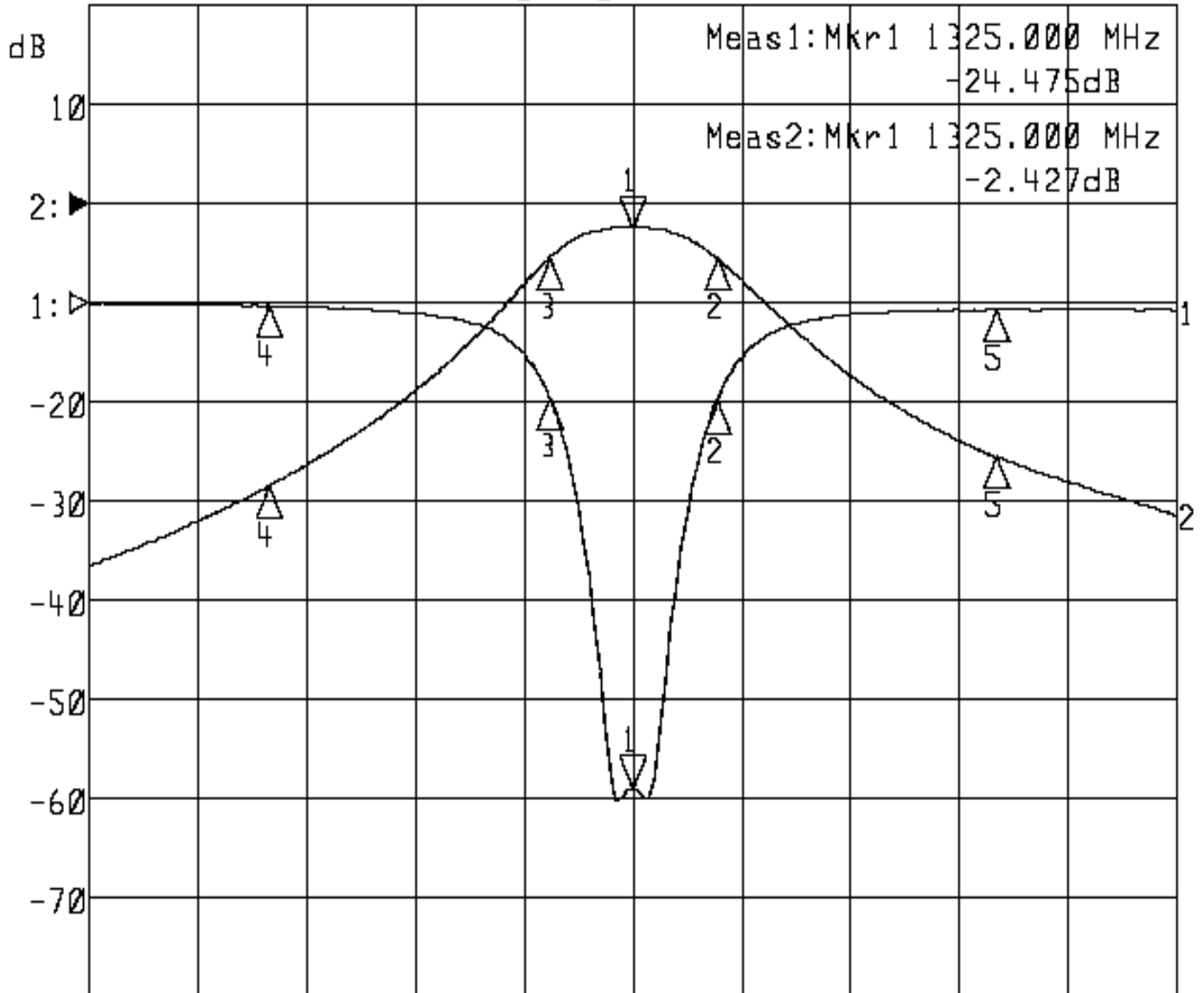
TEMWELL CORPORATION

Performance-TDR2805B-1325M

20204011DC

▶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 1 325.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1325.0000	-24.475	1> 1325.0000	-2.427
2: 1348.1000	-4.966	2: 1348.1000	-5.432
3: 1302.0000	-4.691	3: 1302.0000	-5.488
4: 1225.0000	-0.151	4: 1225.0000	-28.386
5: 1425.0000	-0.366	5: 1425.0000	-25.512