

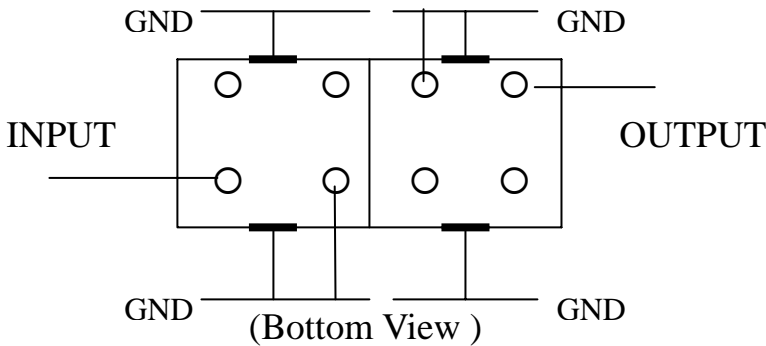


Customized UHF SHF Filter & Miniature Duplexer

VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD6711B2-420M
Approval No. /dated		Customer's Part No.	
Work Instruction No.	0702022C	Date	Mar.30.2007
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell's print name	6711B2 420M
Case Name	7H2	Case size :	
Terminator Type	B		

* Pin Position (Pin Connection) diagram as following
(B) Type



(3) Electric Charasteric

Item	Specify
Center Freq.(Fo) +/- 0.5 %	420 MHz
Insertion Loss	Typ. 2.5 dB
-1 dB Bandwidth	Typ. 6.0 MHz
-3 dB Bandwidth	Typ. 10 MHz
Sensentivity (Attenuation)	Fo - 40 MHz Typ. 35 dB
	Fo + 40 MHz Typ. 25 dB
	Fo - () MHz Typ. dB
	Fo +() MHz Typ. dB
Return Loss	Min. 12 dB
Ripple	< 1 dB
Group Delay	ns
Impedance	In / Out : 50 Ω
Torque for Tuning Screw	> 100gf cm

4. Temperature Condition:

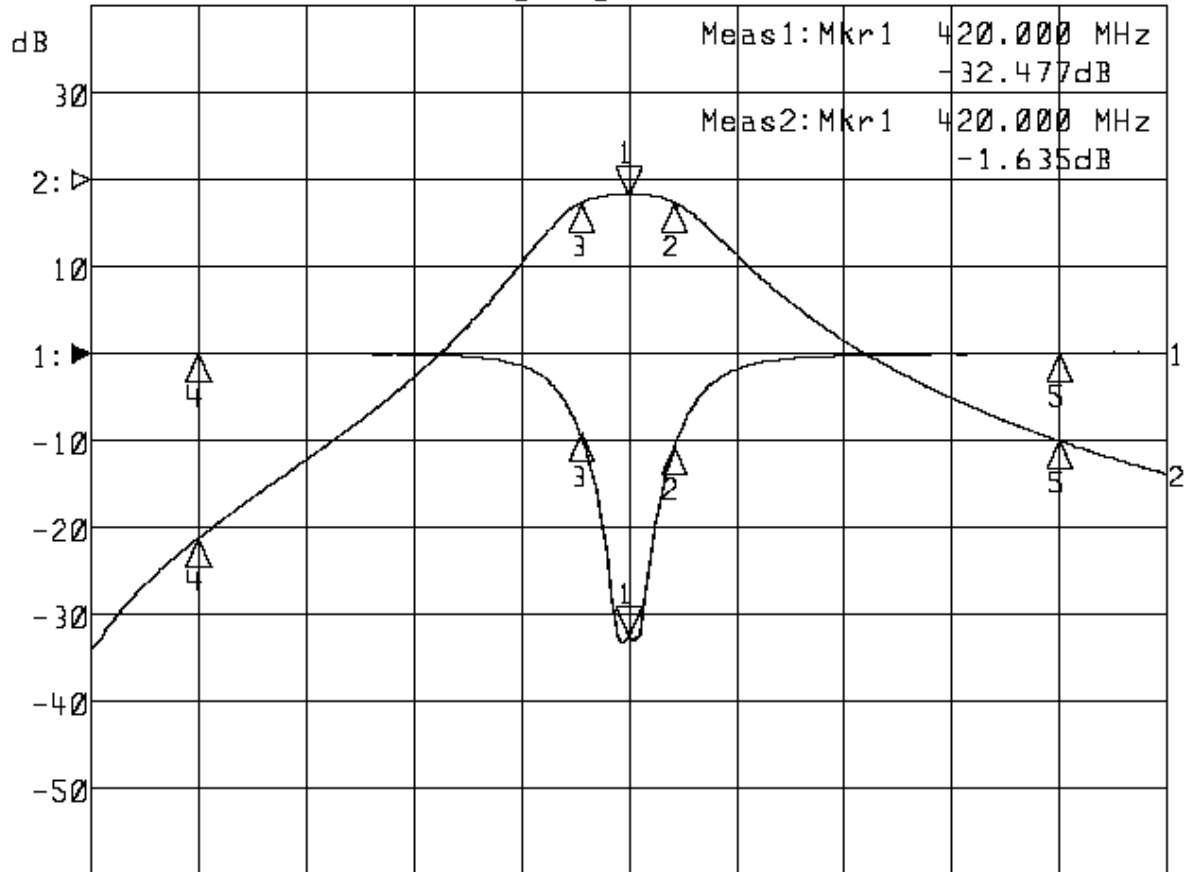
Operating Temperature	0 ~ +60
Storage Temperature	-20 ~ +70

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	T.M.Lan	7H2S(4*5.5F) 7H046RB4

Performance-TD6711B2-420M

0702022C

▶1: Reflection Log Mag 10.0 dB/ Ref 0.00 dB C
 ▷2: Transmission Log Mag 10.0 dB/ Ref 0.00 dB C



Center 420.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 420.0000	-32.477	1> 420.0000	-1.635
2: 424.2667	-10.746	2: 424.2667	-2.666
3: 415.5333	-9.230	3: 415.5333	-2.696
4: 380.0000	0.057	4: 380.0000	-41.234
5: 460.0000	-0.046	5: 460.0000	-30.007