



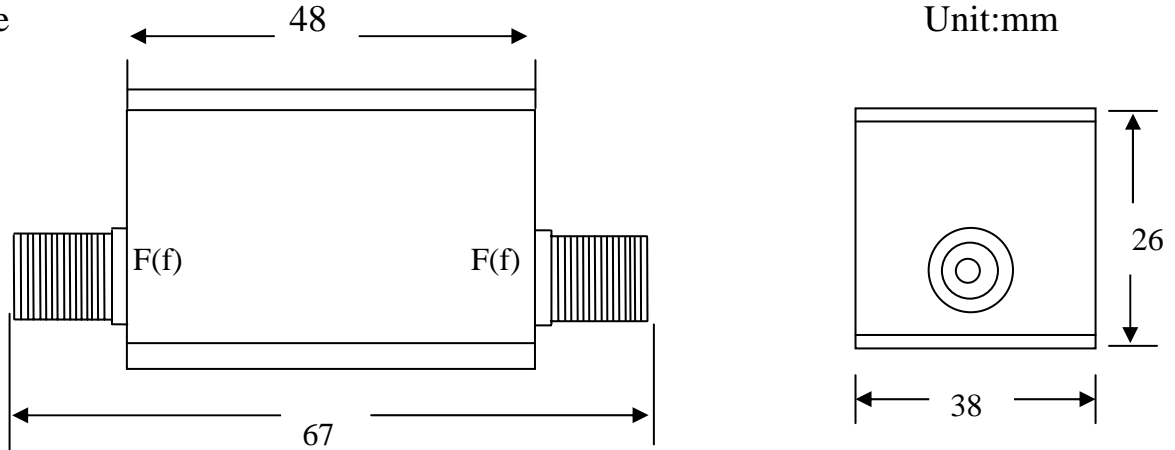
Customized UHF SHF Filter & Miniature Duplexer

# TM Module Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TM-TTL6829B-237.5M-5 MF
Approval No. /dated	20408081APR	Customer's Part No.	
Work Instruction No.	20408081DC	Date	Dec.02.2005
Terminator Type	F(f)/F(f)	<input type="checkbox"/> Temwell,s print name	
Case Name	TM	Case size : ( mm)	48*38*26

F Type



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	237.5 MHz	237.5 MHz	
Insertion Loss	Typ. 4.5 dB	3.98 dB	
-3 dB Bandwidth	Typ. 5 MHz	6.3 MHz	
Sensitivity (Attenuation )	Fo -(10) MHz	Typ. 29 dB	32 dB
	Fo +(10) MHz	Typ. 30 dB	33 dB
	Fo - ( )MHz	Typ. dB	dB
	Fo +( )MHz	Typ. dB	dB
Return Loss	Min. 12 dB	24.1 dB	
Ripple	< 1 dB	dB	
Group Delay	ns	ns	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	

4. Temperature Condition:

Operating Temperature	-30 ~ +70
Storage Temperature	-30 ~ +80

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3B(41*12)

TEMWELL CORPORATION

TEMWELL

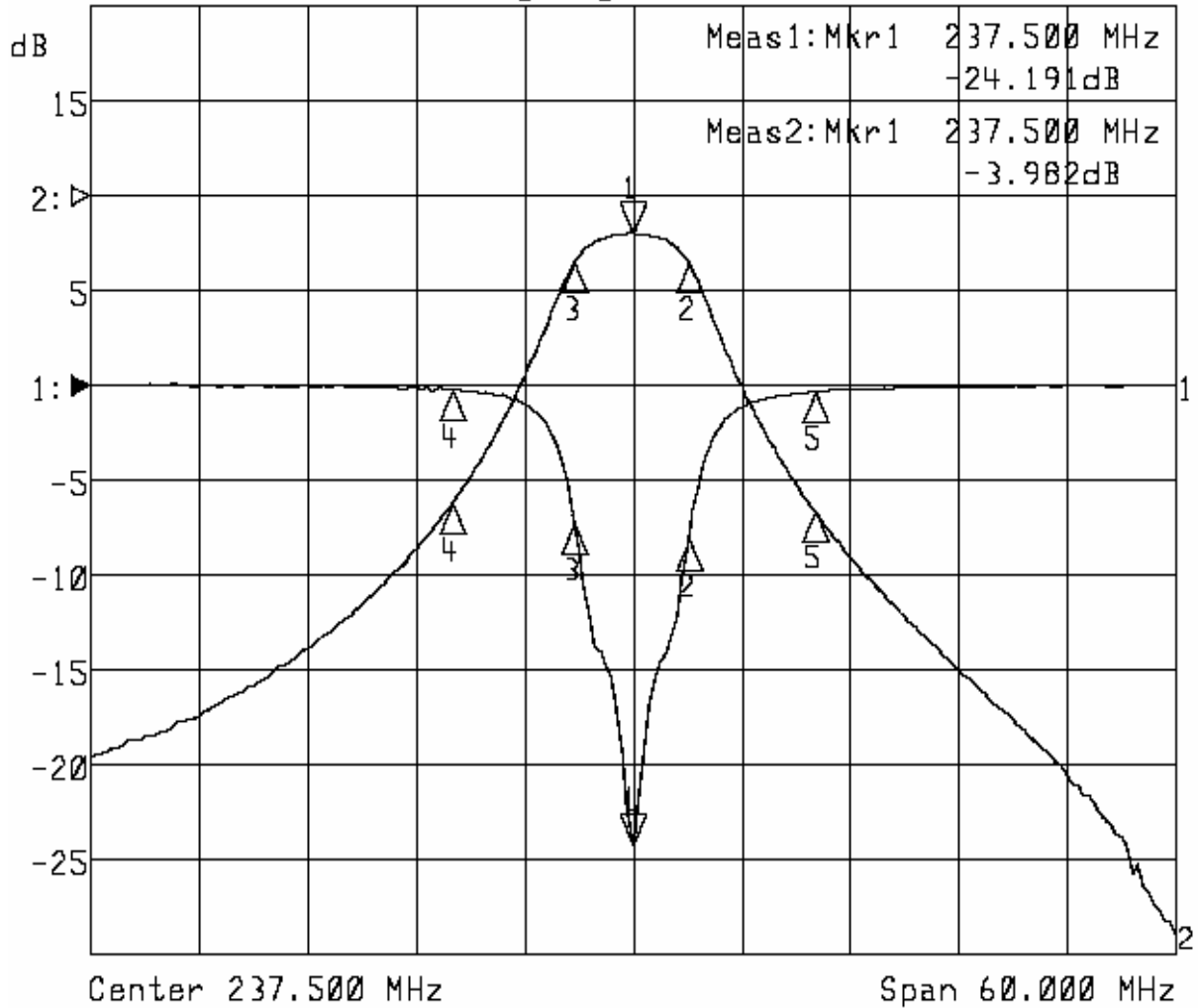
Form BP:C.S.Chang

# Performance- TM-TTL6829B-237.5M-5MF

## 20408081DC

▶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



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 237.5000	-24.191	1> 237.5000	-3.982
2: 240.5600	-8.092	2: 240.5600	-7.038
3: 234.2800	-7.208	3: 234.2800	-6.966
4: 227.5000	-0.241	4: 227.5000	-32.445
5: 247.5000	-0.349	5: 247.5000	-33.180