



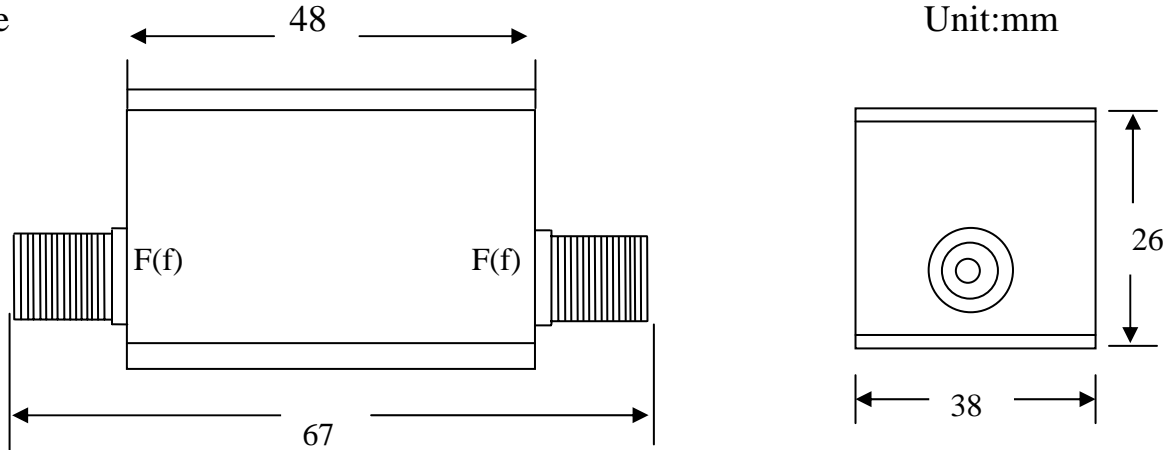
Customized UHF SHF Filter & Miniature Duplexer

TM Module Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TM-TTL6829B-231.5M-5 MF
Approval No. /dated	20408080APR	Customer's Part No.	
Work Instruction No.	20408080DC	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 %	231.5 MHz	231.5 MHz
Insertion Loss	Typ. 4.5 dB	3.88 dB
-3 dB Bandwidth	Typ. 5 MHz	6.2 MHz
Sensitivity (Attenuation)	Fo -(10) MHz	Typ. 30 dB
	Fo +(10) MHz	Typ. 30 dB
	Fo - ()MHz	Typ. dB
	Fo +()MHz	Typ. dB
Return Loss	Min. 12 dB	19.4 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

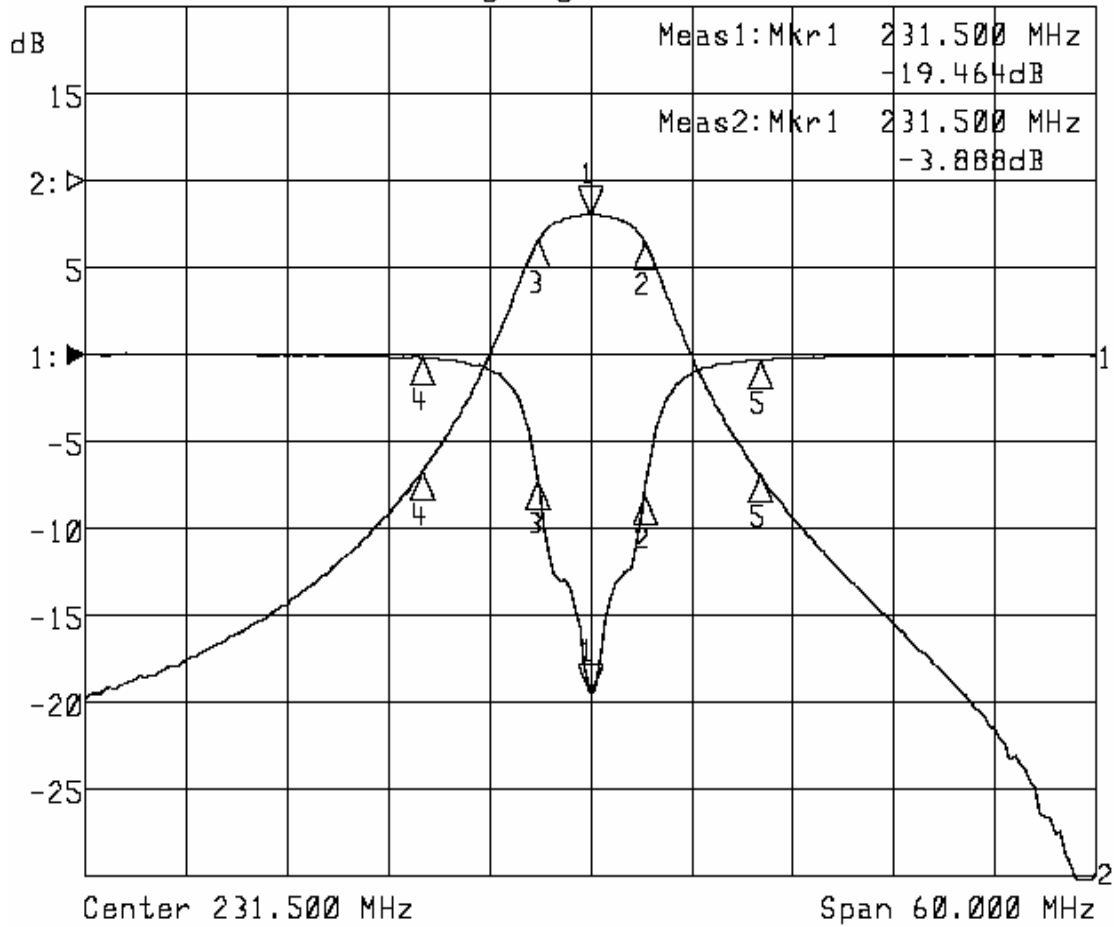
TEMWELL

Form BP:C.S.Chang

Performance- TM-TTL6829B-231.5M-5MF

20408080D

▶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> 231.5000	-19.464	1> 231.5000	-3.888
2: 234.6800	-8.101	2: 234.6800	-6.879
3: 228.4200	-7.272	3: 228.4200	-6.844
4: 221.5000	-0.174	4: 221.5000	-33.521
5: 241.5000	-0.318	5: 241.5000	-33.682