



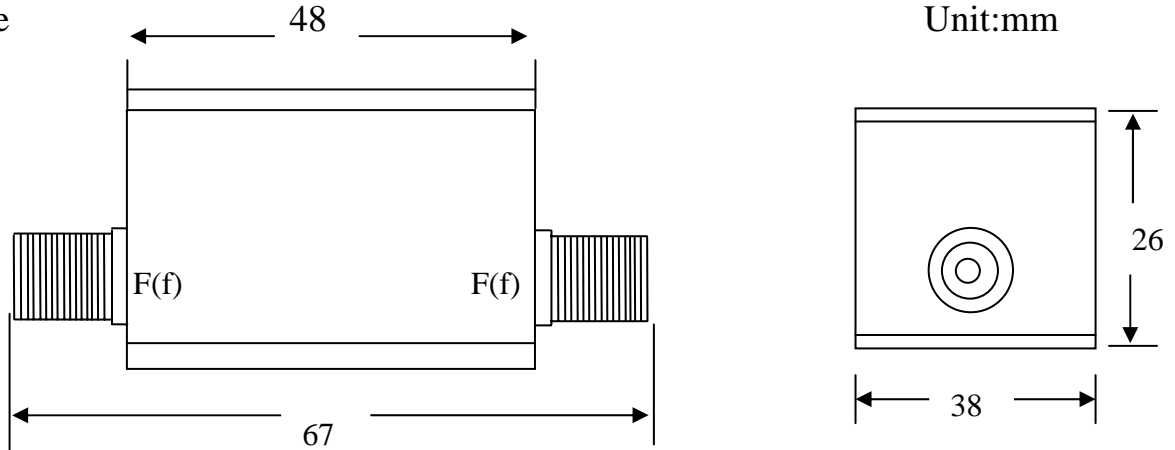
Customized UHF SHF Filter & Miniature Duplexer

TM Module Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TM-TTL67327B-249.5M-5 MF
Approval No. /dated	20408083APR	Customer's Part No.	
Work Instruction No.	20408083DC	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 %	249.5 MHz	249.5 MHz
Insertion Loss	Typ. 4.5 dB	3.91 dB
-3 dB Bandwidth	Typ. 5 MHz	6.9 MHz
Sensitivity (Attenuation)	Fo -(10) MHz	Typ. 26 dB
	Fo +(10) MHz	Typ. 28 dB
	Fo - ()MHz	Typ. dB
	Fo +()MHz	Typ. dB
Return Loss	Min. 12 dB	25.4 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

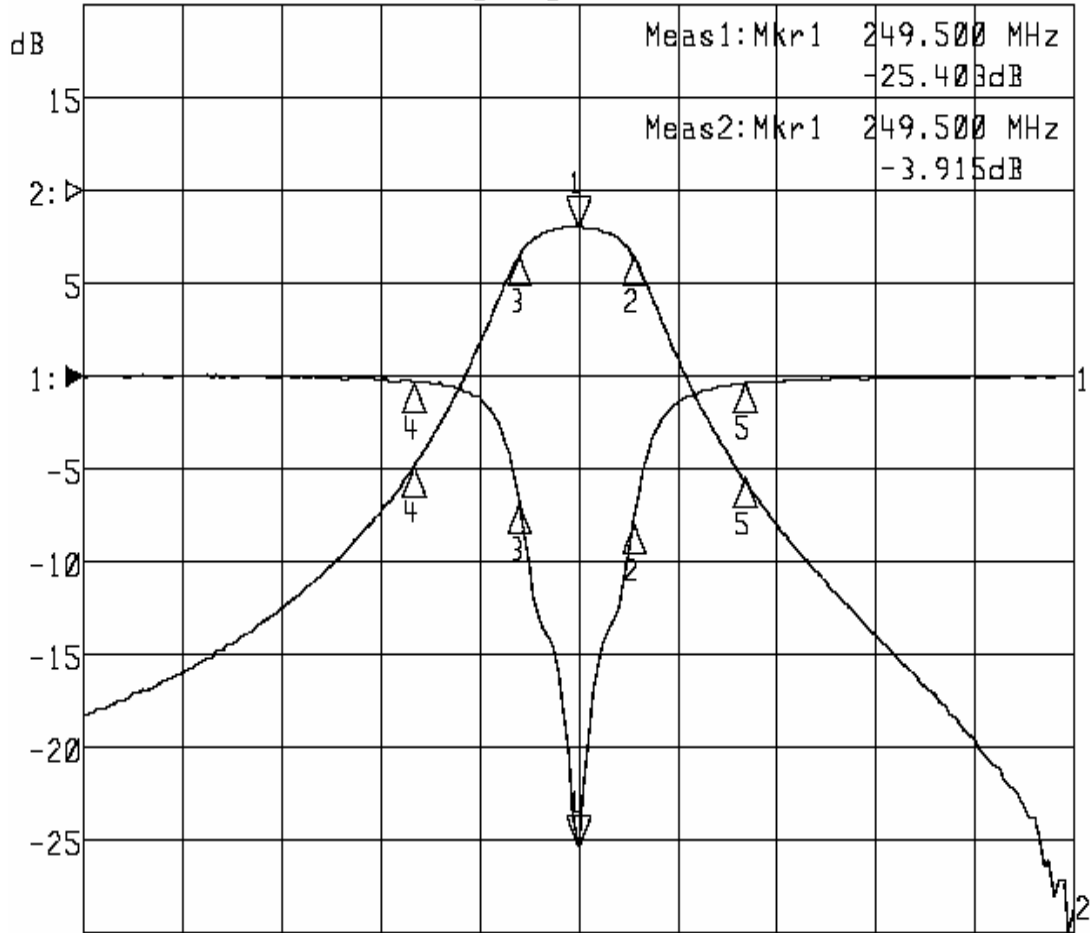
Form BP:C.S.Chang

Performance- TM-TTL67327B-249.5M-5MF

20408083DC

▶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 249.500 MHz

Span 60.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 249.5000	-25.403	1> 249.5000	-3.915
2: 252.8000	-7.939	2: 252.8000	-6.964
3: 245.9400	-6.849	3: 245.9400	-6.935
4: 239.5000	-0.320	4: 239.5000	-29.824
5: 259.5000	-0.397	5: 259.5000	-31.072