



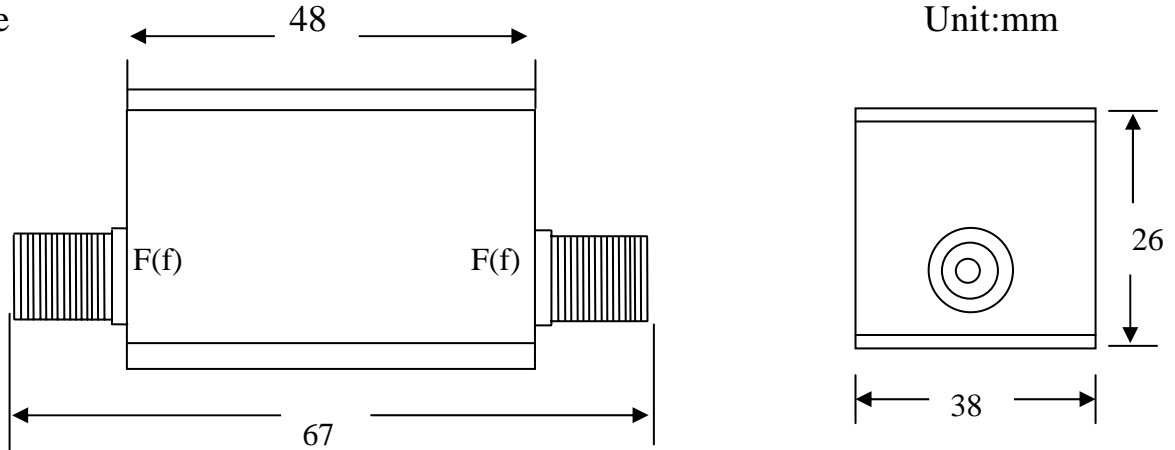
Customized UHF SHF Filter & Miniature Duplexer

# TM Module Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TM-TTL6786B-183.5M-5 MF
Approval No. /dated	20408072APR	Customer's Part No.	
Work Instruction No.	20408072DC	Date	Nov.30.2005
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 %	183.5 MHz	183.5 MHz
Insertion Loss	Typ. 4.5 dB	3.73 dB
-3 dB Bandwidth	Typ. 5 MHz	6.8 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	15.0 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

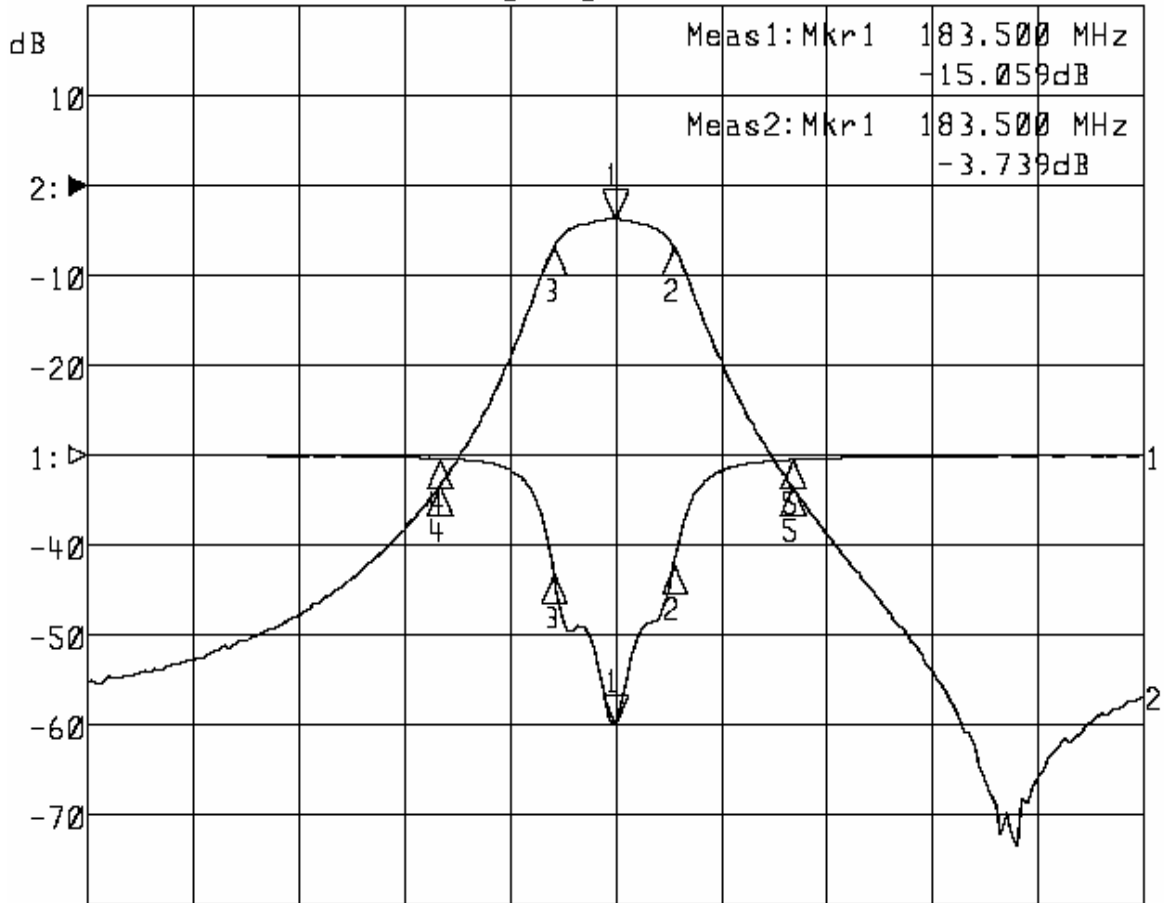
TEMWELL

Form BP:C.S.Chang

# Performance- TM-TTL6786B-183.5M-5MF

## 20408072DC

▶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 183.500 MHz

Span 60.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 183.5000	-15.059	1> 183.5000	-3.739
2: 186.8000	-6.068	2: 186.8000	-6.752
3: 180.0200	-6.567	3: 180.0200	-6.766
4: 173.5000	-0.197	4: 173.5000	-33.470
5: 193.5000	-0.268	5: 193.5000	-33.384