

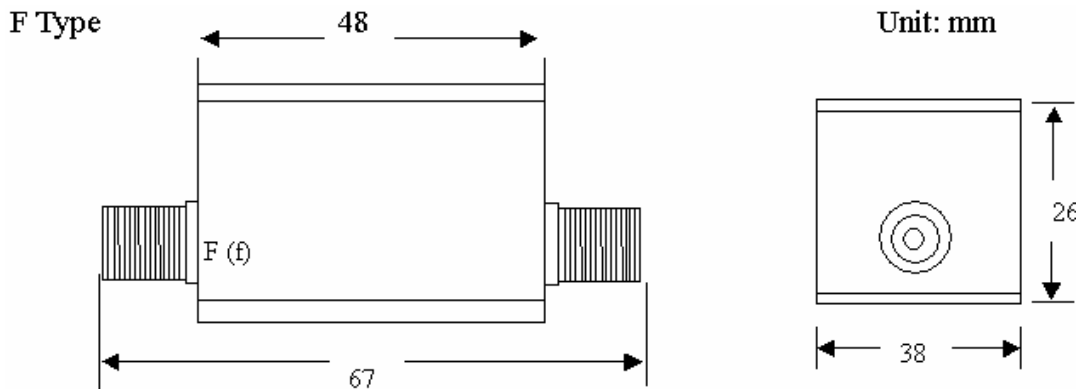


Customized UHF SHF Filter & Miniature Duplexer

TM Module Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TM-TTL6714B-147.5M-5MF
Approval No. /dated	20408066APR	Customer's Part No.	
Work Instruction No.	20408066DC	Date	Nov.29.2005
Case Name	TM	Case size : (mm)	48*38*26
Terminator Type	F(f)/F(f)		



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	147.5 MHz	147.5 MHz
Insertion Loss	Typ. 4.5 dB	3.40 dB
-3 dB Bandwidth	Typ. 5 MHz	6.4 MHz
Sensitivity (Attenuation)	Fo - (10) MHz	Typ. 31 dBc
	Fo + (10) MHz	Typ. 26 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	21.8 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

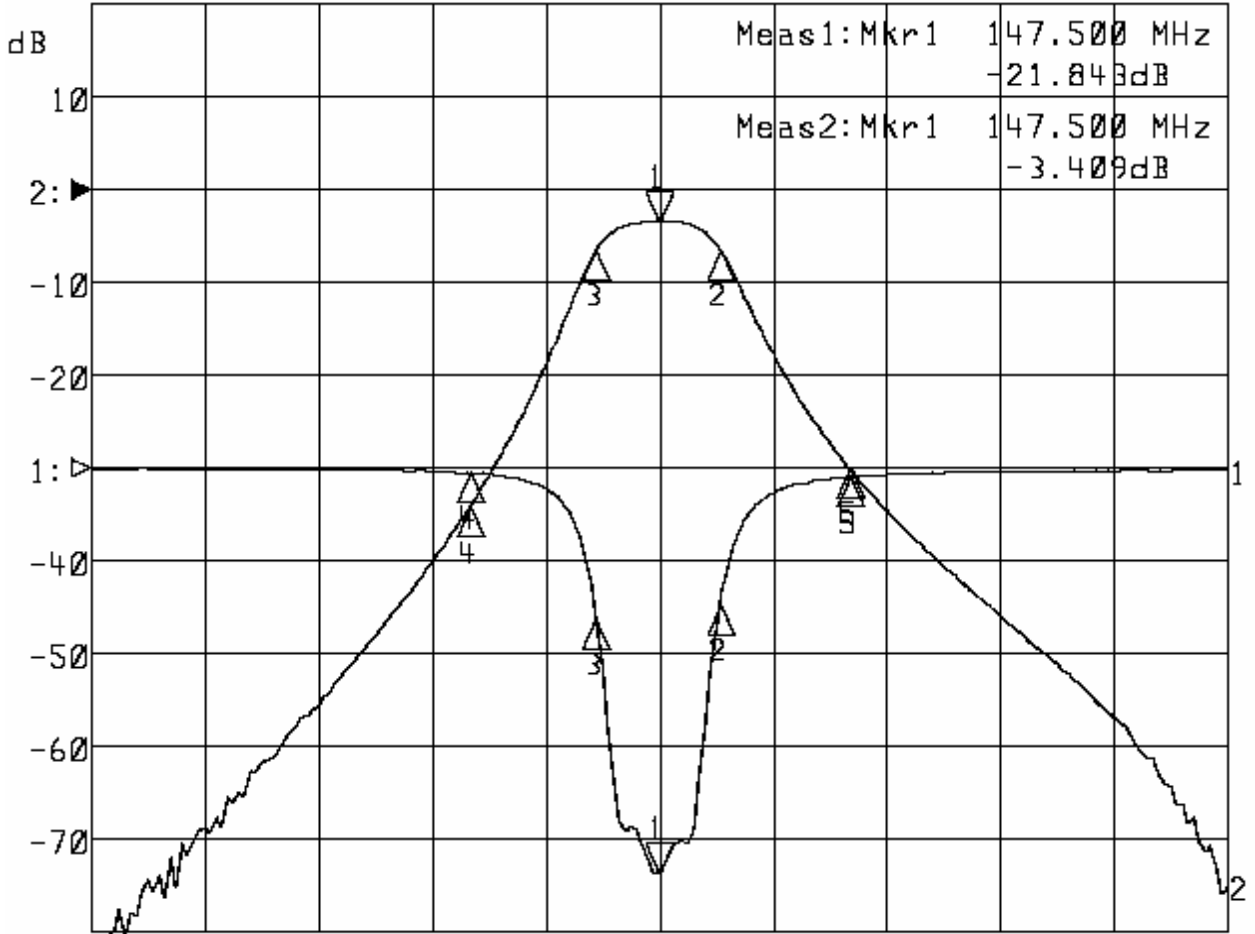
TEMWELL

Form BP: C.S. Chang

Performance-TM-TTL6714B-147.5M-5MF

20408066DC

▶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 147.500 MHz

Span 60.000 MHz

1: Mkr (MHz)		dB	2: Mkr (MHz)		dB
1 >	147.5000	-21.843	1 >	147.5000	-3.409
2:	150.6800	-7.379	2:	150.6800	-6.385
3:	144.2000	-8.161	3:	144.2000	-6.388
4:	137.5000	-0.296	4:	137.5000	-34.157
5:	157.5000	-0.497	5:	157.5000	-29.954