

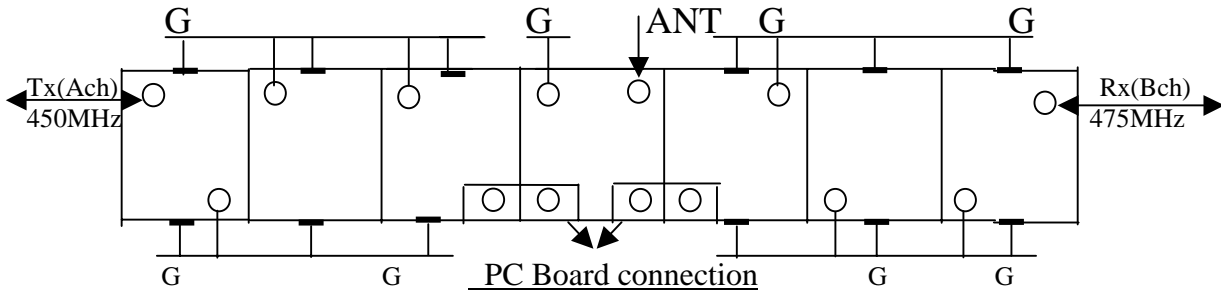
# T E M W E L L

Customized UHF SHF Filter & Miniature Duplexer

## Miniature Duplexer Specification Sheet

<b>CUSTOMER</b>		<b>PARTS</b>	DDQ450M-475MP
<b>Approval No.</b>	<b>0802081D</b>	<b>Date</b>	Mar,19,2008
<b>Case Name</b>	<b>7H313(4.7*4.7)</b>	<b>Case Size</b>	

(一) (TERMINATOR DIAGRAM):



BOTTOM

(二) (ELECTRIC CHARACTERISTIC)

**Tx Spec:**

	TX / A Chn	Spec.	Performance	
Fo	450	MHz	450	MHz
Space Freq.	25	MHz	25	MHz
Insertion Loss	3.0	dB	2.27	dB
-1 dB Band Width	> 8	MHz	15.6	MHz
Image Rejection At Fo + (25) MHz	35	dB	34	dB
Return Loss	ANT(A+B) Terminal: >14 dB / Tx (A)Terminal : >14 dB			
Impedance	ANT : 50 Ohm / Tx : 50 Ohm			

**Rx Spec:**

	RX / B Chnn	Spec.	Performance	
Fo	475	MHz	475	MHz
Space Freq.	25	MHz	25	MHz
Insertion Loss	3.0	dB	2.59	dB
-1 dB Band Width	> 8	MHz	14.2	MHz
Image Rejection At Fo -(25)MHz	35	dB	41	dB
Return Loss	ANT Terminal > 14 dB / Rx Terminal >14 dB			
Impedance	ANT : 50 Ohm. / Rx : 50 Ohm			

**Isolation Test**

	TX (A) To RX (B)	Isolation	Performance	
TX (A) Fo	450	MHz	450	MHz
RX (B) Fo	475	MHz	475	MHz
ISOLATION	45	dB	39	dB

<b>Approved</b>	<b>CHECK</b>	<b>Designer</b>	<b>Aperture</b>
C.Y.Chang	C.S.Chang	C.S.Chang	7H313(4.7*4.7)

TEMWELL CORPORATION

TEMWELL Form No.71 Mini-Dup

RP:C.S.Chang

# Performance- DDQ450M/475MP

0802081D

