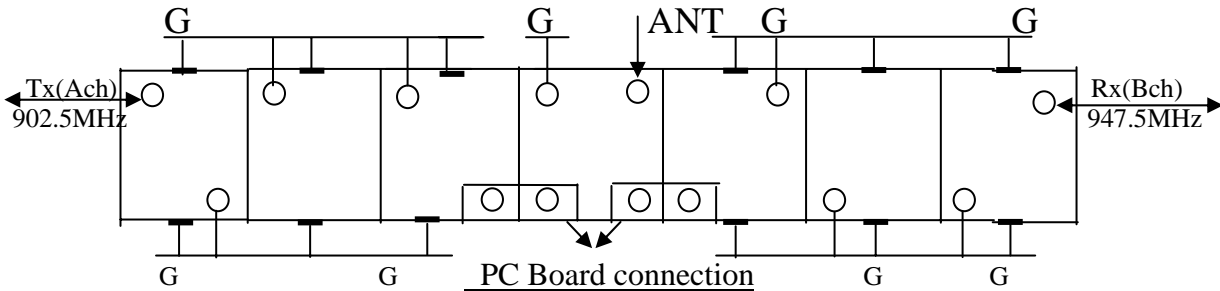


Miniature Duplexer Specification Sheet

CUSTOMER		PARTS	DHS32S-815M/860M-P
Approval No.	20310036B	Date	Oct,29,2003
Case Name	7H313(5.7*5.7)	Bobbin(DUP)	D3PL815/860M
Bobbin	DLP67552E-815M (CT)	Bobbin(A2)	DLP67552E-815M (L/R)
Bobbin (B1)	DHP67552F-860M (CT)	Bobbin(B2)	DHP67552F-860M (L/R)

(一) (TERMINATOR DIAGRAM):



BOTTOM

(二) (ELECTRIC CHARACTERISTIC)

Tx Spec:

	TX / A Chn	Spec.	Performance	
Fo	815	MHz	815	MHz
Space Freq.	45	MHz	45	MHz
Insertion Loss	Typ 3.0	dB	2.5	dB
-1 dB Band Width	15	MHZ	16	MHZ
Immage Rejection At Fo + (45) MHz	35	dB	36	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	860	MHz	860	MHz
Space Freq.	45	MHz	45	MHz
Insertion Loss	Typ 3.0	dB	2.7	dB
-1 dB Band Width	15	MHz	15	MHz
Immage Rejection At Fo -(45)MHz	35	dB	42	dB
Return Loss	ANT Terminal > 14 dB / Rx Terminal >14 dB			
Impedance	ANT : 50 Ohm. / Rx : 50 Ohm			

Isolation Test

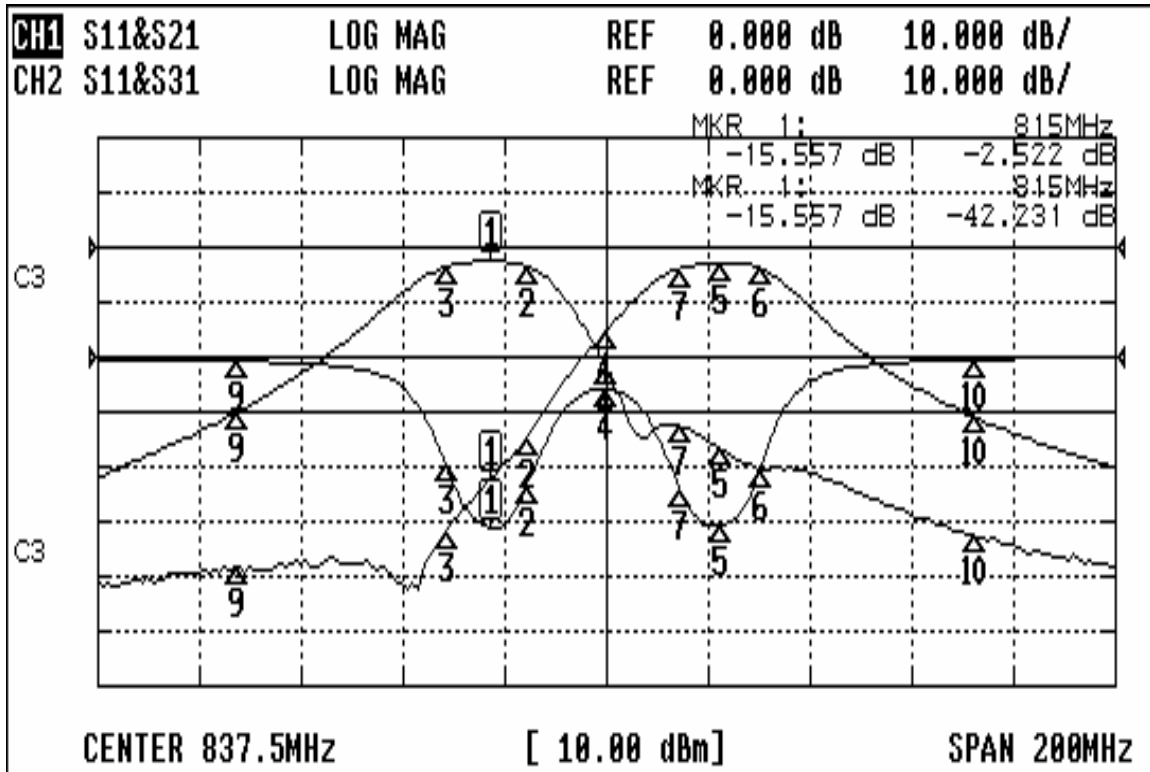
	TX (A) To RX (B)	Isolation	Performance	
TX (A)Fo	815	MHz	815	MHz
RX (B) Fo	860	MHz	860	MHz
ISOLATION	46	dB	41	dB

Approved	CHECK	Designer	Aperture
C.Y.Chang	C.S.Chang	J.F.Lin	7H313(5.7*5.7)

TEMWELL CORPORATION

Performance-DHS32S-815M/860M-P

20310036B



CH1 MARKER LIST			
1:	815.000MHz	-15.557 dB	-2.522 dB
2:	822.166MHz	-11.610 dB	-3.528 dB
3:	806.166MHz	-9.902 dB	-3.525 dB
4:	837.500MHz	-2.906 dB	-21.561 dB
5:	860.000MHz	-15.311 dB	-36.615 dB
6:	867.833MHz	-10.214 dB	-40.305 dB
7:	852.333MHz	-12.144 dB	-32.660 dB
8:			
9:	765.000MHz	-0.376 dB	-29.926 dB
10:	910.000MHz	-0.218 dB	-52.692 dB

CH2 MARKER LIST			
1:	815.000MHz	-15.558 dB	-42.178 dB
2:	822.166MHz	-11.612 dB	-34.322 dB
3:	806.166MHz	-9.903 dB	-51.636 dB
4:	837.500MHz	-2.905 dB	-15.272 dB
5:	860.000MHz	-15.305 dB	-2.764 dB
6:	867.833MHz	-10.215 dB	-3.770 dB
7:	852.333MHz	-12.142 dB	-3.741 dB
8:			
9:	765.000MHz	-0.376 dB	-58.362 dB
10:	910.000MHz	-0.214 dB	-31.040 dB