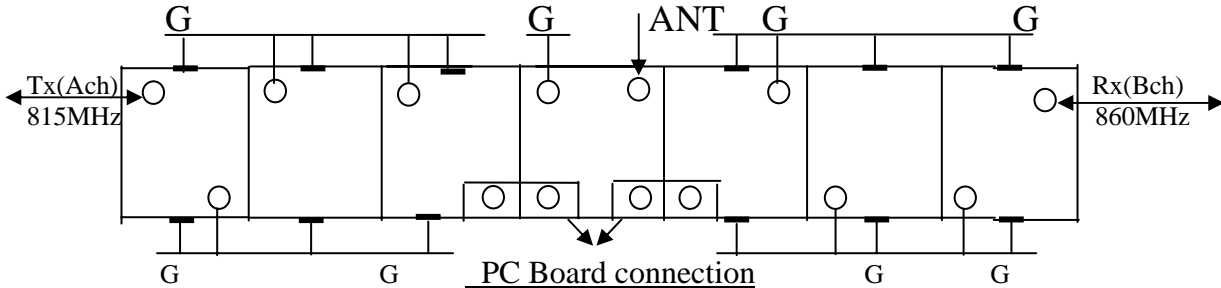


Miniature Duplexer Specification Sheet

CUSTOMER		PARTS NO.	DHS33S-815/860M-P
Approval No.	20307072C	Date	Oct.20.2003
Case Name	7H313(5.7*5.7)	Bobbin(DUP)	D3PL815M/860M
Bobbin (A1)	DLP67552E-815M(CT)	Bobbin (A2)	DLP67552E-815M(L/R)
Bobbin (B1)	DHP67552F-860M (CT)	Bobbin (B2)	DHP67257F-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	3.0	dB	2.5 dB
-1 dB Band Width	18	MHz	20 MHz
Image Rejection At Fo + (45) MHz	28	dB	34 dB
Return Loss	ANT(A+B) Terminal: >12.0 dB / Tx (A)Terminal : >12 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	3.0	dB	2.9 dB
-1 dB Band Width	18	MHz	19 MHz
Image Rejection At Fo -(45)MHz	33	dB	41 dB
Return Loss	ANT Terminal > 12 dB / Rx Terminal >12 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	41	dB	39 dB

4. Temperature Condition:

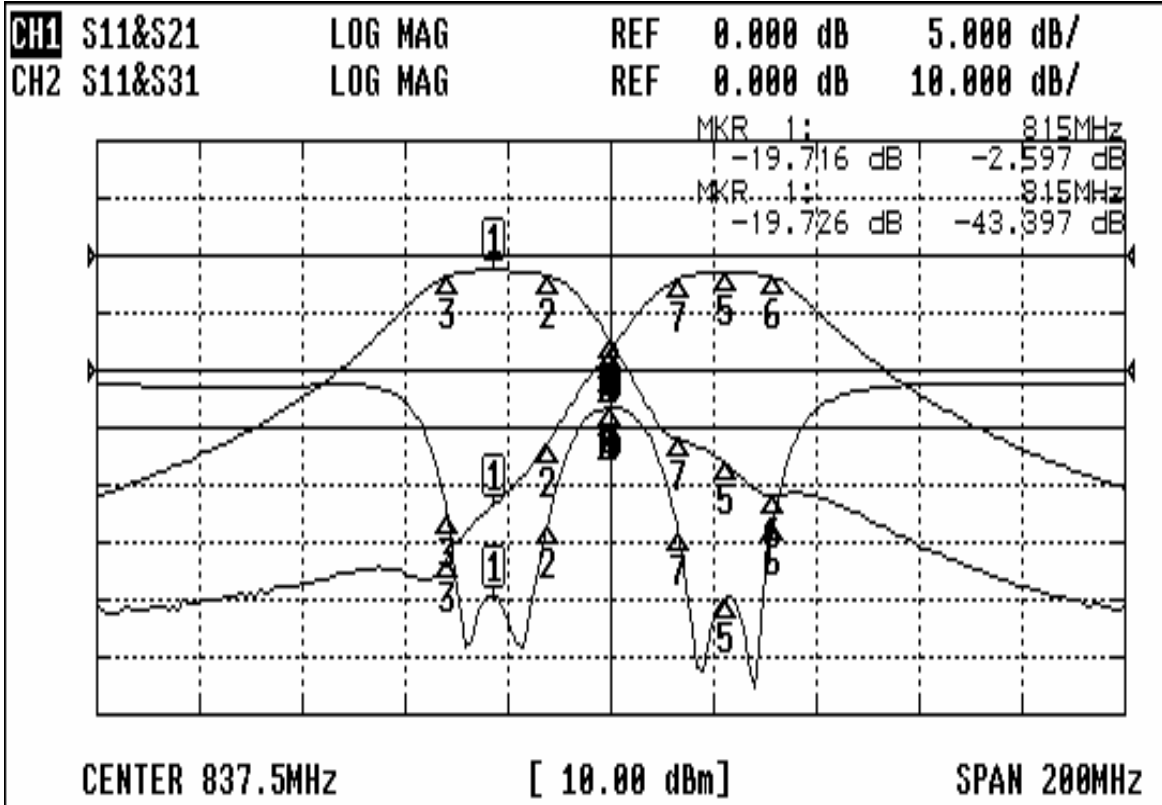
Operating Temperature	0 ~ +60
Storage Temperature	-20 ~ +70

Approved	CHECK	Designer	Aperture
	C.S.Chang	P.H.Ching	7H313(5.7*5.7)-(5.6*5.6)SP

TEMWELL CORPORATION

Performance- DHS33S-815M/860M-P

20307072C



CH1 MARKER LIST			
1:	815.000MHz	-19.716 dB	-2.597 dB
2:	825.333MHz	-13.411 dB	-3.541 dB
3:	805.833MHz	-12.572 dB	-3.555 dB
4:	837.500MHz	-3.237 dB	-14.701 dB
5:	860.000MHz	-19.777 dB	-36.421 dB
6:	869.333MHz	-13.248 dB	-41.835 dB
7:	850.833MHz	-14.232 dB	-32.007 dB
9:	837.500MHz	-3.237 dB	-14.700 dB
10:	837.500MHz	-3.237 dB	-14.700 dB

CH2 MARKER LIST			
1:	815.000MHz	-19.719 dB	-43.397 dB
2:	825.333MHz	-13.412 dB	-32.580 dB
3:	805.833MHz	-12.577 dB	-52.585 dB
4:	837.500MHz	-3.237 dB	-16.403 dB
5:	860.000MHz	-19.774 dB	-2.986 dB
6:	869.333MHz	-13.242 dB	-3.942 dB
7:	850.833MHz	-14.225 dB	-3.981 dB
9:	837.500MHz	-3.236 dB	-16.407 dB
10:	837.500MHz	-3.236 dB	-16.407 dB