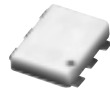


VERY WIDEBAND 50 to 10000 MHz

BLUE CELL™



ADCH



TCCH

MODEL ♦ NO.	FREQUENCY MHz	INSERTION LOSS† (dB)		VSWR† (:1)		DC CURRENT (mA)	INDUCTANCE (μH) Typ.			CASE STYLE Note B	CON- NECTION	PRICE \$ Qty. (10-49)
		Typ.	Max.	Typ.	Max.		@ 0 mA	@ 50 mA	@ 100 mA			
ADCH-80*	50 - 8000 50-10000	0.3 0.3	1.0 2.0	1.1 1.1	1.35 1.6	100	7.0	1.8	1.0	CD542	lv	2.75
ADCH-80A*	50 - 8000 50-10000	0.3 0.3	1.0 2.0	1.1 1.1	1.35 1.6	100	7.0	1.8	1.0	CD542	mk	2.75
NEW TCCH-80	50-8200	0.5	1.1	1.1	1.7	100	4.0	1.3	0.9	GU1041	pe	3.45

† Tested with circuit shown below, Zo=50 ohms

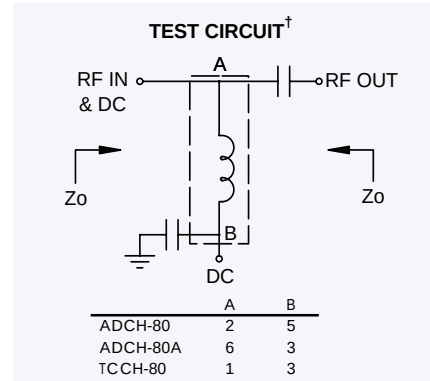
see suggested PCB layout (PL-147) for TCCH model

features

- low parasitic capacitance 0.1 PF typ.
- effective parallel resistance, Rch 800 ohm typ.
TCCH-80, Rch 500 ohm typ.
- TCCH, patent pending, miniature .15"X.15"

applications

- biasing amplifier
- biasing of laser diodes
- biasing of active antennas



NOTES:

- ♦ Aqueous washable.
- * Protected under U.S. Patent 6133525.
- A. Environmental specifications and re-flow soldering information available in General Information Section.
- B. Units are non-hermetic unless otherwise noted. For details on case dimensions & finishes see "Case Styles & Outline Drawings".
- C. Prices and Specifications subject to change without notice.
- 1. Absolute maximum power, voltage and current rating:
1a. DC current 250mA, ADCH models; 200mA, TCCH-80

pin connections

see case style outline drawings

PORT	lv	mk	pe
INPUT	2	6	1
OUTPUT	5	3	3
NOT USED	1,3,4,6	1,2,4,5	2,4
DEMO BOARD	TB-52	TB-113	TB-272

