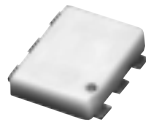


# Very Wideband RF Choke

50 MHz to 10000 MHz

**NEW!** ADCH-80



CASE STYLE: CD542  
PRICE: \$ 2.75 ea.  
QTY.: (10-49)

## Features

- low parasitic capacitance 0.1 PF typ.
- effective parallel resistance, Rch 800 ohm typ.
- patent applied for

## Applications

- amplifier biasing

## Electrical Specifications

| FREQUENCY (MHz) | INSERTION LOSS* (dB) |      | VSWR* (:1) |      | DC CURRENT (mA) | INDUCTANCE (μH) |        |         |
|-----------------|----------------------|------|------------|------|-----------------|-----------------|--------|---------|
|                 | Typ.                 | Max. | Typ.       | Max. |                 | Typ.            | @ 0 mA | @ 50 mA |
| 50 - 8000       | 0.3                  | 1.0  | 1.1        | 1.35 | 100             | 7.0             | 1.8    | 1.0     |
| 50-10000        | 0.3                  | 2.0  | 1.1        | 1.6  | 100             | 7.0             | 1.8    | 1.0     |

\*tested with circuit shown below, Zo=50 ohms

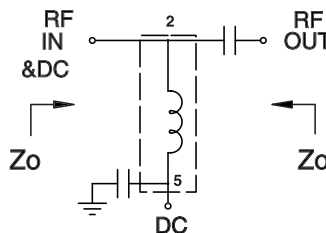
## Maximum Ratings

Operating Temperature -20°C to 85°C

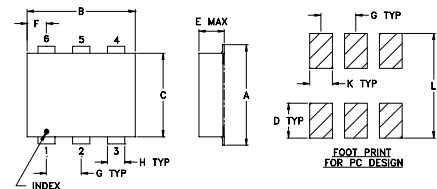
Storage Temperature -55°C to 100°C

DC current 250 mA

## Test Circuit \*



## Outline Drawing

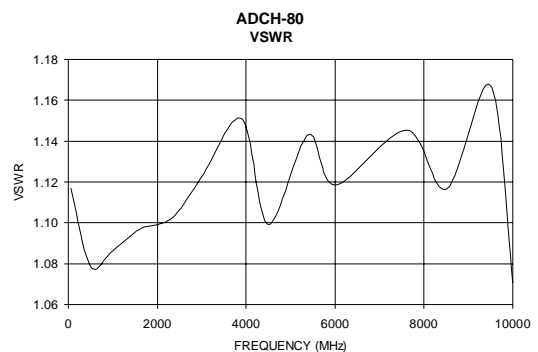
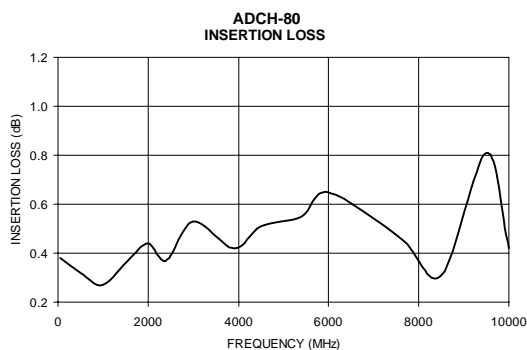


## Pin Configuration

|          |         |
|----------|---------|
| in       | 2       |
| out      | 5       |
| not used | 1,3,4,6 |

## Outline Dimensions (inch/mm)

|      |      |      |       |      |      |      |      |
|------|------|------|-------|------|------|------|------|
| A    | B    | C    | D     | E    | F    | G    | H    |
| .280 | .310 | .220 | .100  | .108 | .055 | .100 | .040 |
| 7.11 | 7.87 | 5.58 | 2.54  | 2.74 | 1.40 | 2.54 | 1.02 |
| J    | K    | L    | wt.   |      |      |      |      |
| —    | .065 | .300 | grams |      |      |      |      |
| —    | 1.65 | 7.62 | .40   |      |      |      |      |



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