

Quantity Pricing:

1 Cap = \$30.00

3 Caps = \$65.00

5 Caps = \$100.00

1 Each -Socket Board= \$100.00

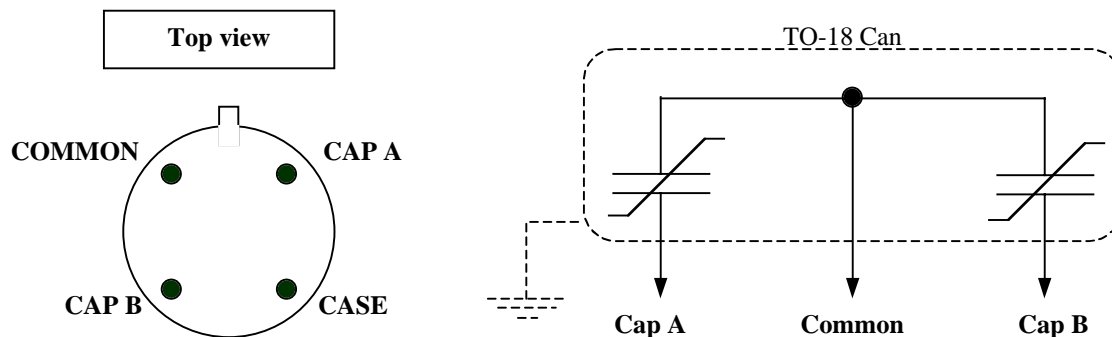
Payment Terms: Credit Card/Mastercard/Visa/American Express

**Ferroelectric Component Technical Description
RC2-AAA**

Date: March 18, 2005

Summary:

Each die is packaged in a four-lead TO-18 header. One lead connects to the case and is labeled as GND. The common lead is connected to Pin 1. The two independent leads from the two capacitors are connected to Pins 2 and 4.



Temperature Range: -55°C to 125°C. Do not exceed 125°C.

Device Designation:

“AA” => Die RC2-AAA 2700Å 4% niobium doped 20/80 PZT (4/20/80 PNZT)

“AB” => Die RC2-AAA 2550Å undoped 20/80 PZT

Capacitor Size:

| | |
|----------|----------------|
| White | 10,000 μ^2 |
| Yellow | 4,000 μ^2 |
| Black | 1,000 μ^2 |
| Red “AB” | 400 μ^2 |

Recovery: The platinum electroded capacitors are prone to fatigue and imprint. They are tested at their saturation voltage at packaging and may be imprinted when received. As well, they will imprint at room temperature after use. There is a recovery procedure that will fully recover the capacitor from imprint. As well, the recovery procedure will recover from 60% to 80% of fatigue loss. The recovery procedure may be executed multiple times on a capacitor without damage. To recover a capacitor, execute a 9V square wave at 1Hz for 100s on each capacitor at room temperature.