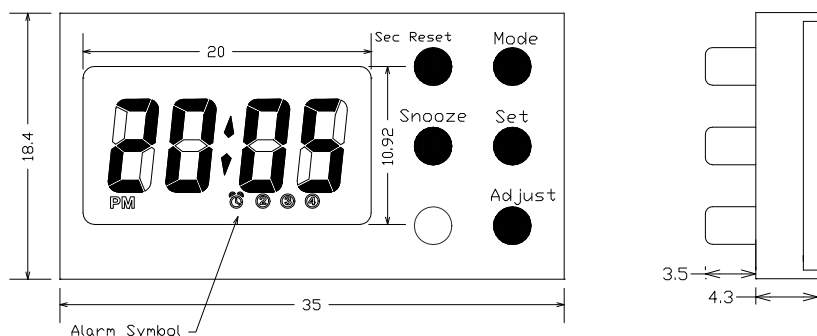


**MODEL NO.: 20C-160Y Series**

**A. Features:**

- ✓ Regular clock, hour and minute
- ✓ Both 24-hour and 12-hour version available
- ✓ Daily alarm with snooze for the first alarm
- ✓ Additional daily alarms, up to 3 sets. Therefore 4 sets of alarm in total.
- ✓ **Each alarm has individual output pole providing 1.5VDC level signal for 1 minute.**

**B. Physical Size:**

- ✓ Plastic Frame – 35 x 18.4 mm
- ✓ Module Thickness – 8 mm (including battery)

**C. LCD Screen Size: 20 x 10.92 mm**
**D. Digit Height: 7.0 mm**
**E. Buttons: Two options for selection**

- 1) 3 keys – mode, set, and adjust
- 2) 5 keys – above 3 plus second reset, and snooze for 1<sup>st</sup> alarm

**F. Power Source: DC 1.50 volts, leave solder pads for external connection**
**G. Operating Voltage: +1.20 ~ +1.80 volts**
**H. Current Drain: 3  $\mu$  A typically at normal condition, 400  $\mu$  A typically during alarm**
**I. Operation Temperature: -10°C ~ +50°C**
**J. Storage Temperature: -20°C ~ +60°C**
**K. Model Number for**

|                 | 1 alarm   | 2 alarms  | 3 alarms  | 4 alarms  |
|-----------------|-----------|-----------|-----------|-----------|
| 12 hour version | 20C-160YA | 20C-160YB | 20C-160YY | 20C-160YZ |
| 24 hour version | 20E-160YA | 20E-160YB | 20E-160YY | 20C-160YZ |

8/27/2007

