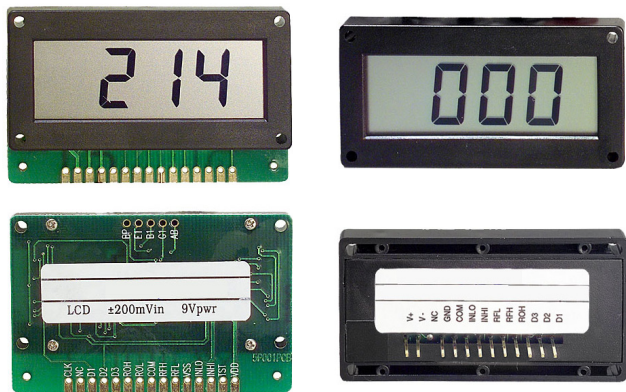




### FEATURES

- ▶ Low-cost
- ▶ Ultra compact flat design
- ▶ Less than .25" deep
- ▶ 3½ digits with high-contrast LCD

### SPECIFICATIONS

#### DISPLAY

Digits: 3 ½ digits (±1999 counts)  
 Type: 0.5" (13mm) 7 segment reflective LCD  
 Digit Height: .50" (12.7mm)  
 Polarity Ind.: automatic, "-" displayed  
 Annunciators: "LoBat" when power <7.2 VDC  
 Decimal Points: 3 position, user-selectable  
 Overrange: three lower order digits blank for inputs >1999

#### INPUTS

Ranges: ±200.0mV, ±2.000V, ±20.00V DC  
 Configuration: true differential input and reference  
 Protection: 250 VDC or 150 V RMS continuous, 300 V intermittent max  
 Impedance: >100 MΩ on ± 200mV ; (>1 MΩ on 2V & 20V range)  
 Bias Current: 1 pA typical, 10 pA max

#### PERFORMANCE

Accuracy: ±(0.1% fs + 2 count) with +5 and ±5V power  
 ±(0.1% rgd + 1 count) with 9 V power  
 Conversion Rate: 2.5 per second  
 Normal Mode Rejection: >30 dB @ 60 Hz  
 Common Mode Range: ±1 VDC max  
 Common Mode Rej.: >86 dB  
 Zero Adjustment: automatic  
 Warmup: 10 min typical  
 Temperature Coeff.: ±100 ppm per °C typical

#### ENVIRONMENT

Operating Range: 0 to 50 °C  
 Storage Range: -10 to 60 °C  
 Relative Humidity: 0 to 95% non-condensing

#### POWER SUPPLY

9V powered: 9 V isolated, 7.2-12 V at 150 µA  
 +5V and -5V DC: ±5 V ±5% at 150 µA  
 +5V DC: 5 V ±5% at 3 mA

#### MOUNTING

panel hole mounting,  
 standard bezel mount (optional)  
 Dimensions: 2.37 x 1.50 x .32  
 Panel Cutout: 1.89 x .66  
 Weight: 0.9 oz (25 g)

#### CONNECTION

13 pins, 0.025" square - pin 3 missing  
 15 solder pads

### ORDERING INFO

#### 15 pads

| PART NUMBER | METER INPUT | METER POWER |
|-------------|-------------|-------------|
| DK171       | 200mV       | 9V          |
| DK172       | .2V         | 9V          |
| DK173       | .20V        | 9V          |

#### 13-pins

| PART NUMBER | METER INPUT | METER POWER |
|-------------|-------------|-------------|
| DK174       | 200mV       | 9V          |
| DK175       | .2V         | 9V          |
| DK176       | .20V        | 9V          |
| DK177       | 200mV       | +5VDC       |
| DK178       | .2V         | +5VDC       |
| DK179       | .20V        | +5VDC       |

#### ACCESSORIES

|        |                                          |
|--------|------------------------------------------|
| B-1B   | Bezel Mounting Kit                       |
| J1C13  | 13 Pin Connector / Wire Assembly         |
| PW2-5  | Regulated 120V AC to 5V DC Power Supply  |
| PW2-12 | Regulated 120V AC to 12V DC Power Supply |
| CVC    | Calibrator                               |

# Specifications Installation and Operating Instructions

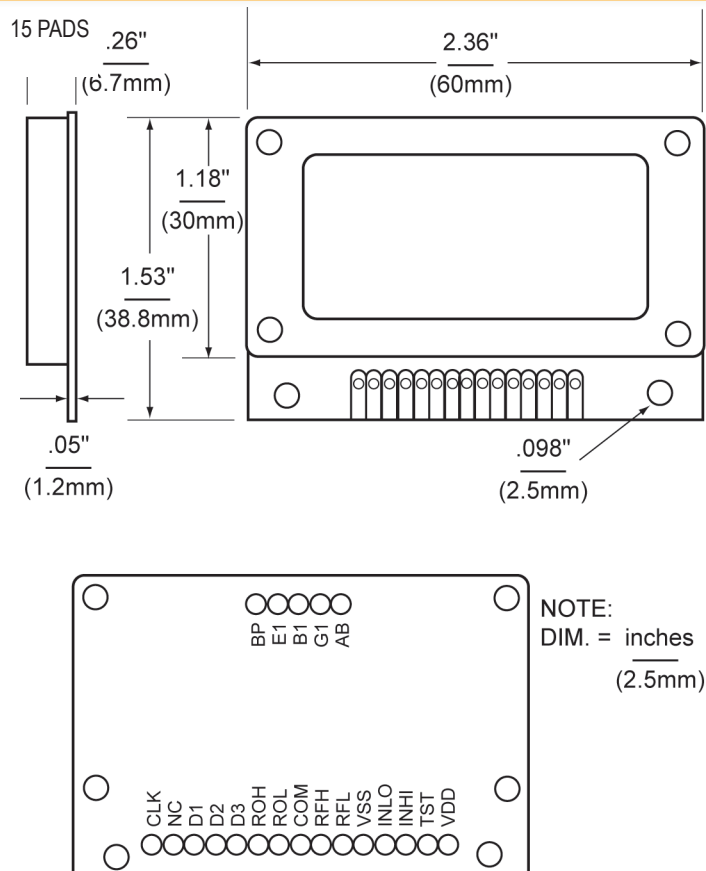
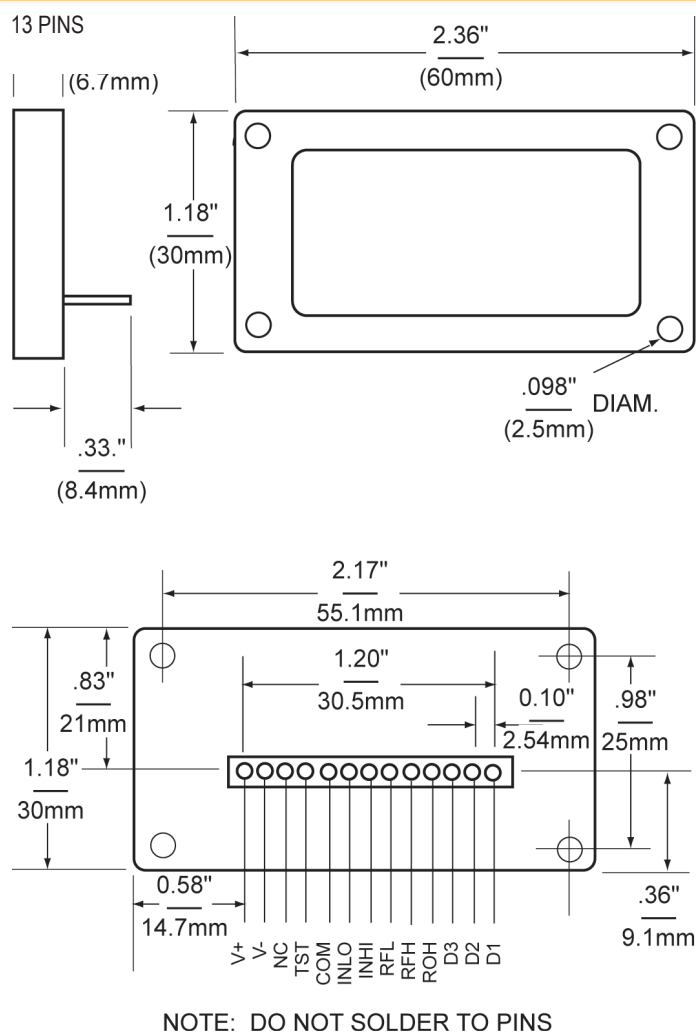
## LCD Digital Panel Meters

Flat Pack 3½ Digit LCD

DK170



### DIMENSIONS



### BEZEL MOUNTING

