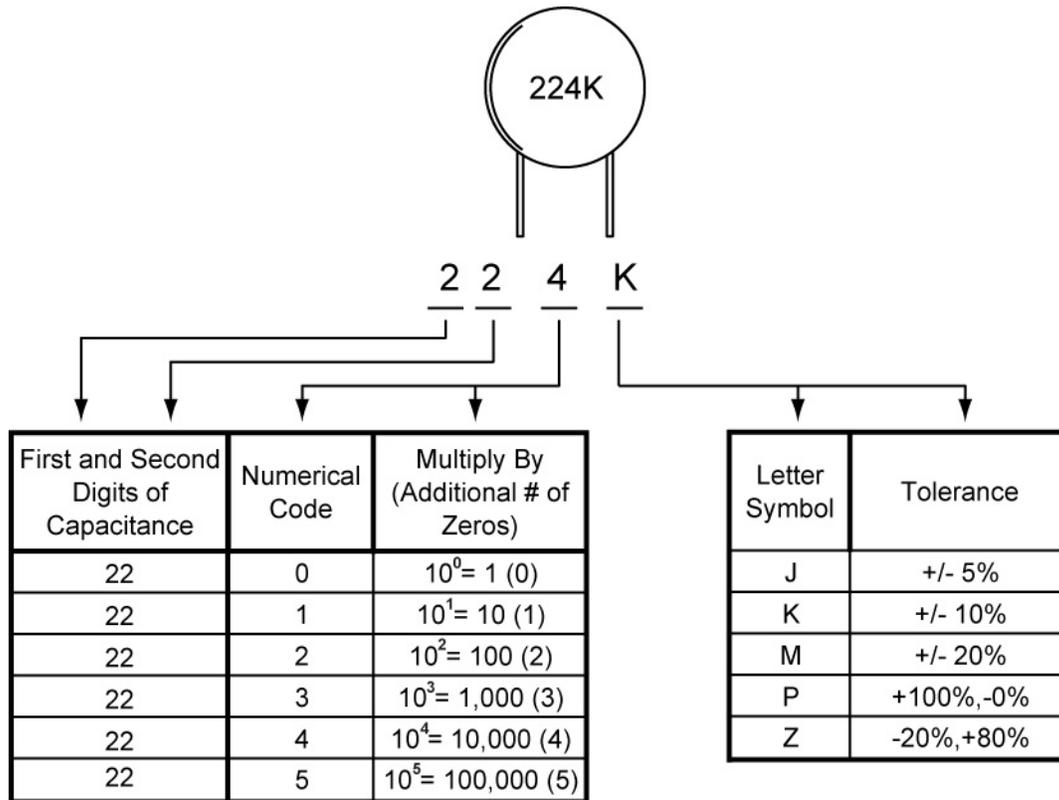


## Capacitor Codes

### Cornerstone Electronics Technology and Robotics I

#### Ceramic Disk Capacitor Value and Tolerance Codes:

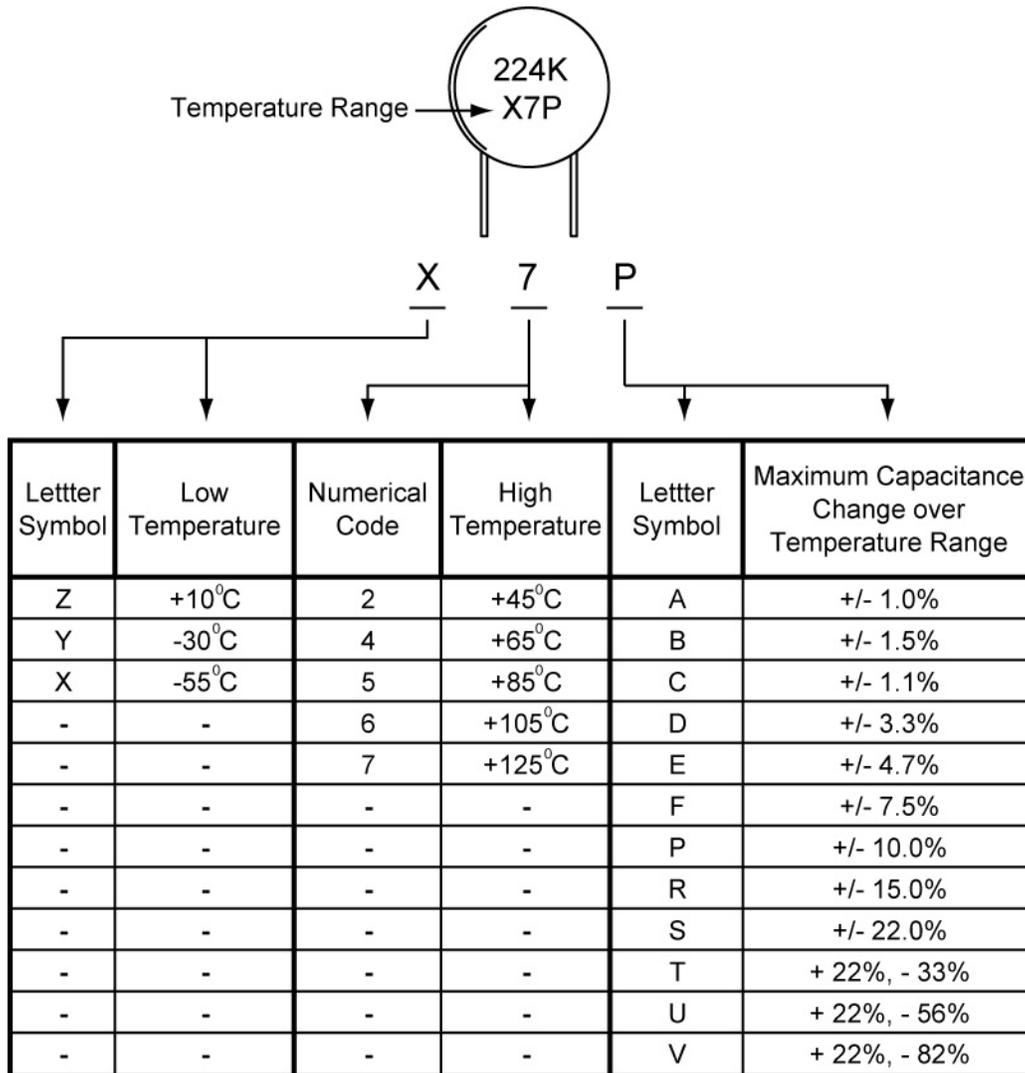


**Example 224K:**  $22 \times 10^4 \text{ pF} = 220,000 \text{ pF} = 220 \text{ nF} = 0.22 \text{ } \mu\text{F} \text{ +/- } 10\%$ .

**Ceramic Disk Capacitor Temperature Code: See Page 2**

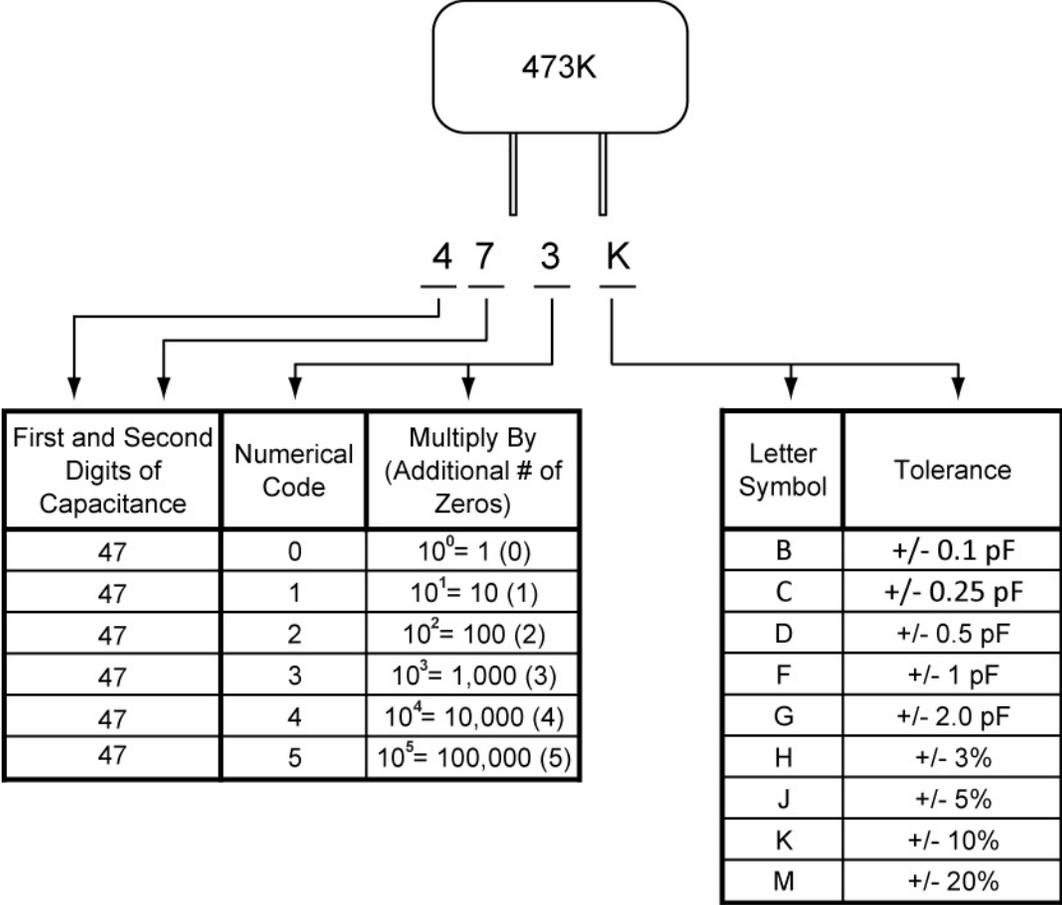
**Film Capacitor Value Code: See Page 3**

## Ceramic Disk Capacitor Temperature Code:



**Example X7P:** The letter X designates a low temperature of -55°C. The digit 7 designates a high temperature of +125°C. The letter P specifies that the capacitance will vary +/- 10% over the temperature range of -55°C to +125°C.

**Film Capacitor Value and Tolerance Codes:**



**Example 473K:**  $47 \times 10^3 \text{ pF} = 47,000 \text{ pF} = 47 \text{ nF} = 0.047 \text{ }\mu\text{F} \text{ +/- } 10\%$ .