

# **MOBICON**

## **Electronic Components**

### **PRODUCT SPECIFICATION**

### **MEC THERMISTORS (NTC)**

### **THERMO-SENSITIVE COMPONENTS**

**MF-58 Series** NTC Thermistor Specification

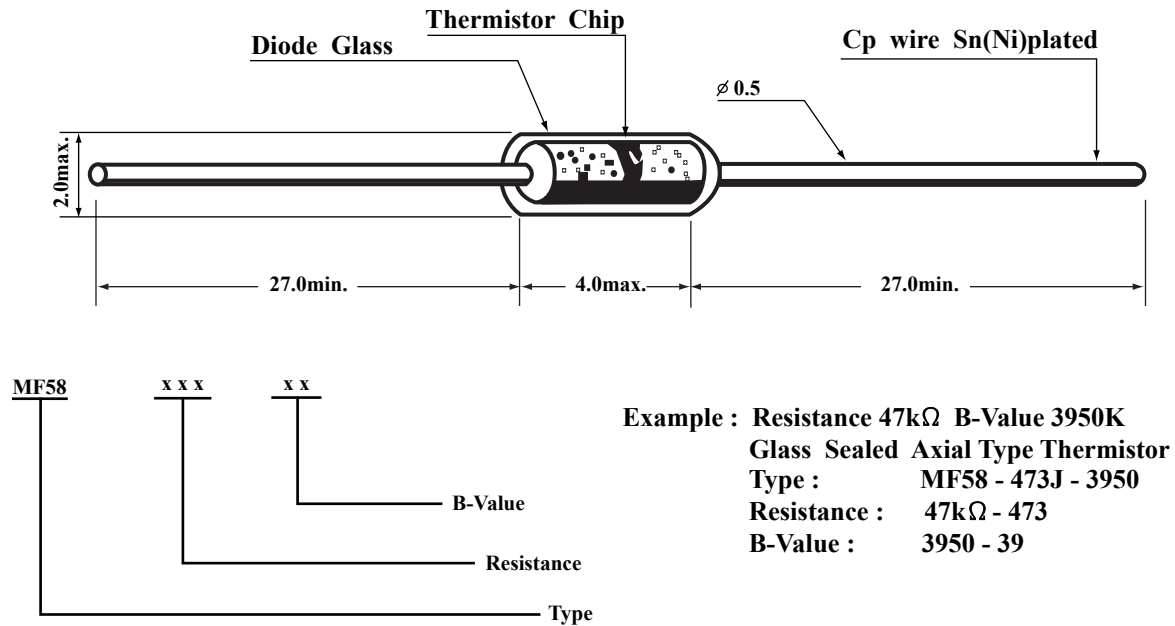
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# MIEC

## MF58-473J-3950 NTC THERMISTOR

### SHAPE AND DIMENSIONS (Unit = mm)



### ELECTRICAL CHARACTERISTICS

- Zero Power Resistance at 25 °C :  $R = 47k\Omega \pm 5\%$
- B -Value :  $B_{25 / 50} = 3950K \pm 1\%$
- Insulation Resistance : 10M $\Omega$  min. at DC 50V (Between glass and lead wire).
- Thermal Time Constant( $\tau$ ) : 20 sec. max. (in still air)
- Thermal Dissipation Constant :  $\delta = 2.0mW / ^\circ C$  min. (in still air)
- Operating Temperature Range : - 40 °C ~ 120 °C
- Power Rating : 5mW max. (at 25 °C)
- Instantaneously Heat Resistant Temperature : 300 °C max.