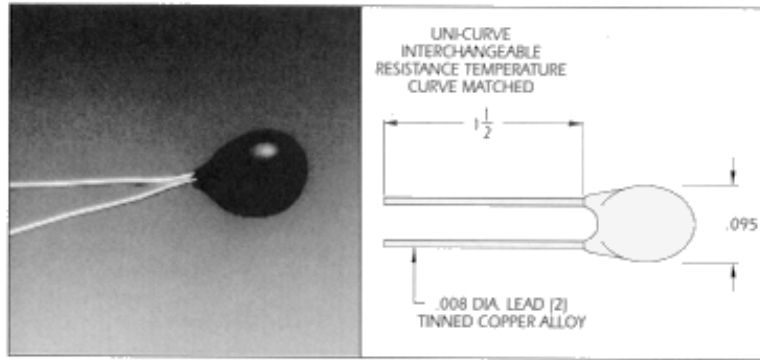


Uni-Curve® Series



All illustration dimensions are in inches.

FEATURES

- Surface mountable for automated pick and place
- Accuracy
- High stability
- High reliability
- Long life
- Cost saving
- Small size
- Epoxy coated
- D.C. 0.75 mW/o C minimum
- T.C. 15 sec. maximum
- Max. Temp. 125o C

UNI-CURVE® INTERCHANGEABLE THERMISTORS are high quality, low cost resistance temperature matched interchangeable thermistors. They offer additional cost savings by eliminating the need for individual resistance temperature calibration, as well as standardization of circuit components and simplification of design and replacement problems. They are particularly well suited for use in applications such as temperature measurement, indication and control. Other applications include: compensation of ambient temperature effects on copper coils, transistors, integrated circuits and other semiconductor devices. Fenwal Electronics' high volume Uni-Curve® manufacturing capability provides availability of interchangeable thermistors at low cost with the quality and ruggedness to meet the rigid design requirements of MIL-T-23648.

STANDARD UNI-CURVE INTERCHANGEABLE, R-T CURVE-MATCHED					
Resis. at 25° C (Ohms)	Temp Range ° C	R-T Curve	± .2° C Tolerance	± .5° C Tolerance	± 1.0° C Tolerance
			Part ① Number	Part Number	Part Number
1,000	0° C to 70° C	10A	192-102DET-A01	192-102DEV-A01	192-102DEW-A01
2,252**	0° C to 70° C	16	192-222LET-A01	192-222LEV-A01 ①	192-222LEW-A01
3,000**	0° C to 70° C	16	192-302LET-A01	192-302LEV-A01	192-302LEW-A01 ①
5,000	0° C to 70° C	16	192-502LET-A01	192-502LEV-A01	192-502LEW-A01 ①
10,000	0° C to 70° C	16	192-103LET-A01	192-103LEV-A01	192-103LEW-A01 ①
30,000	0° C to 70° C	18	192-303KET-A01	192-303KEV-A01	192-303KEW-A01 ①
30,000	0° C to 70° C	1	192-303QET-A01	192-303QEV-A01	192-303QEW-A01 ①
50,000	0° C to 70° C	1	192-503QET-A01	192-503QEV-A01	192-503QEW-A01 ①
100,000	0° C to 70° C	1	192-104QET-A01	192-104QEV-A01 ①	192-104QEW-A01

*Leads are tinned copper.

**Diameter of 2,252 Ohm and 3,000 Ohm parts is .120" max.

① = Distributor item

Fenwal Electronics, Inc. provides special order CUSTOMIZED SERVICE to fulfill unique Uni-Curve® requirements. This service offers the capability of other resistance values and matching resistance temperature tolerances from 300 Ohms through 100k Ohms at 25° C and from .05° C to 1° C accuracy over a variety of temperature ranges, maintaining curve-matched resistance temperature characteristics.