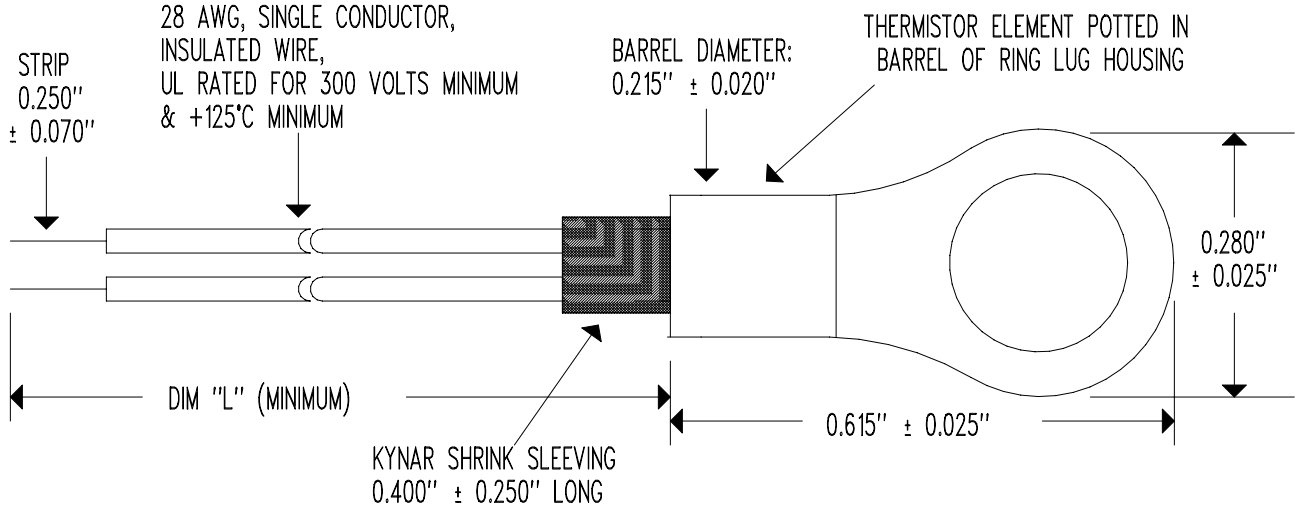
| U.S. SENSOR P/N | R @ +25°C (Ω) | R TOLERANCE @ +25°C (%) |
|---|---|---|
| USUR1000-102G-xx | 1,000 | ± 2 |
| USUR1000-102H-xx | 1,000 | ± 3 |
| USUR1000-102J-xx | 1,000 | ± 5 |
| USUR1000-102K-xx | 1,000 | ± 10 |
| USUR1000-222G-xx | 2,252 | ± 2 |
| USUR1000-222H-xx | 2,252 | ± 3 |
| USUR1000-222J-xx | 2,252 | ± 5 |
| USUR1000-222K-xx | 2,252 | ± 10 |
| USUR1000-302G-xx | 3,000 | ± 2 |
| USUR1000-302H-xx | 3,000 | ± 3 |
| USUR1000-302J-xx | 3,000 | ± 5 |
| USUR1000-302K-xx | 3,000 | ± 10 |
| USUR1000-502G-xx | 5,000 | ± 2 |
| USUR1000-502H-xx | 5,000 | ± 3 |
| USUR1000-502J-xx | 5,000 | ± 5 |
| USUR1000-502K-xx | 5,000 | ± 10 |
| USUR1000-103G-xx | 10,000 | ± 2 |
| USUR1000-103H-xx | 10,000 | ± 3 |
| USUR1000-103J-xx | 10,000 | ± 5 |
| USUR1000-103K-xx | 10,000 | ± 10 |
| USUR1000-203G-xx | 20,000 | ± 2 |
| USUR1000-203H-xx | 20,000 | ± 3 |
| USUR1000-203J-xx | 20,000 | ± 5 |
| USUR1000-203K-xx | 20,000 | ± 10 |
| USUR1000-303G-xx | 30,000 | ± 2 |
| USUR1000-303H-xx | 30,000 | ± 3 |
| USUR1000-303J-xx | 30,000 | ± 5 |
| USUR1000-303K-xx | 30,000 | ± 10 |
| USUR1000-503G-xx | 50,000 | ± 2 |
| USUR1000-503H-xx | 50,000 | ± 3 |
| USUR1000-503J-xx | 50,000 | ± 5 |
| USUR1000-503K-xx | 50,000 | ± 10 |
| USUR1000-104G-xx | 100,000 | ± 2 |
| USUR1000-104H-xx | 100,000 | ± 3 |
| USUR1000-104J-xx | 100,000 | ± 5 |
| USUR1000-104K-xx | 100,000 | ± 10 |




RESISTANCE @ +25°C = SEE CHART
RESISTANCE TOLERANCE @ +25°C = SEE CHART
RESISTANCE/TEMPERATURE CURVE = "J"
TEMPERATURE RATING = -40 TO +125°C
MAXIMUM POWER RATING = 20 mW
RING TONGUE MOUNTING-HOLE DIAMETER = 0.145" NOMINAL
RING TONGUE MOUNTING-HOLE STUD-SIZE = #6
SEE MANUFACTURING SPECIFICATION (LAYER 1)

UL FILE NUMBER E232830 (UL CATEGORY XGPU2)

DIM "L" IS THE MINIMUM LEAD WIRE LENGTH, AND IS SPECIFIED BY THE LAST TWO DIGITS OF THE PART NUMBER (USUR1000-xxxx-xx).

e.g. USUR1000-102G-03 WOULD HAVE A MINIMUM LEAD WIRE LENGTH OF 3".

| REV | REVISION RECORD | DATE | APP |
|---|---|---|---|
| "D" | WIRE WAS 3"±0.75",+ DIM "L" DESIGNATION | 08/30/06 | DD |
| "C" | LEAD WIRE WAS KYNAR INSULATED | 04/28/03 | DD |
| "B" | WAS TEFLON INSULATED WIRE (CLERICAL ERROR) | 03/10/03 | DD |
| -- | ISO RELEASE | 03/10/03 | DD |
| "A" | MINIMUM TEMPERATURE RATING WAS -55°C | 09/30/02 | DD |

SCALE NONE

DRAWN BY
DAN DANKERT

DATE 08/12/02

REV. "D"

LAYER 0 OF 2

U.S. SENSOR CORP.

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THERMISTOR PROBE

P/N USUR1000-xxxx-xx