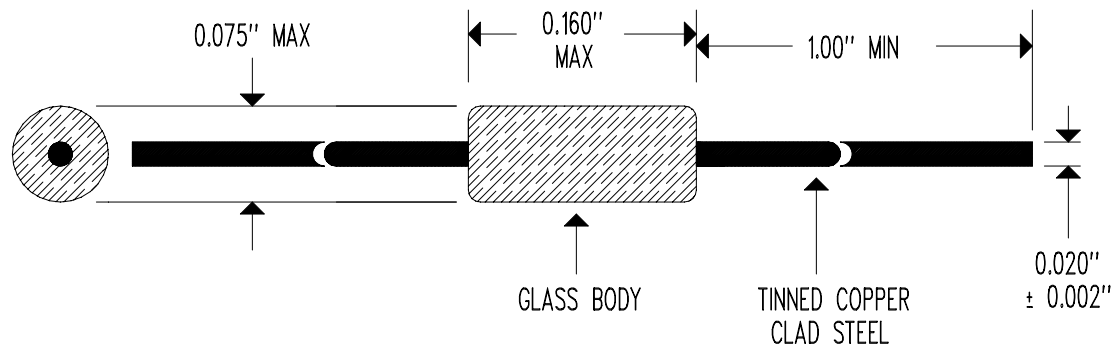


| U.S. SENSOR P/N | R @ +25°C (Ω) | R TOLERANCE @ +25°C (%) |
|-----------------|---------------|-------------------------|
| USUG1000-103G   | 10,000        | ± 2                     |
| USUG1000-103J   | 10,000        | ± 5                     |
| USUG1000-103K   | 10,000        | ± 10                    |
| USUG1000-153G   | 15,000        | ± 2                     |
| USUG1000-153J   | 15,000        | ± 5                     |
| USUG1000-153K   | 15,000        | ± 10                    |
| USUG1000-203G   | 20,000        | ± 2                     |
| USUG1000-203J   | 20,000        | ± 5                     |
| USUG1000-203K   | 20,000        | ± 10                    |
| USUG1000-253G   | 25,000        | ± 2                     |
| USUG1000-253J   | 25,000        | ± 5                     |
| USUG1000-253K   | 25,000        | ± 10                    |
| USUG1000-303G   | 30,000        | ± 2                     |
| USUG1000-303J   | 30,000        | ± 5                     |
| USUG1000-303K   | 30,000        | ± 10                    |
| USUG1000-503G   | 50,000        | ± 2                     |
| USUG1000-503J   | 50,000        | ± 5                     |
| USUG1000-503K   | 50,000        | ± 10                    |
| USUG1000-104G   | 100,000       | ± 2                     |
| USUG1000-104J   | 100,000       | ± 5                     |
| USUG1000-104K   | 100,000       | ± 10                    |
| USUG1000-204G   | 200,000       | ± 2                     |
| USUG1000-204J   | 200,000       | ± 5                     |
| USUG1000-204K   | 200,000       | ± 10                    |
| USUG1000-254G   | 250,000       | ± 2                     |
| USUG1000-254J   | 250,000       | ± 5                     |
| USUG1000-254K   | 250,000       | ± 10                    |
| USUG1000-224J   | 220,000       | ± 5                     |
| USUG1000-154G   | 150,000       | ± 2                     |
| USUG1000-154J   | 150,000       | ± 5                     |
| USUG1000-154K   | 150,000       | ± 10                    |
|                 |               |                         |
|                 |               |                         |
|                 |               |                         |
|                 |               |                         |
|                 |               |                         |
|                 |               |                         |



RESISTANCE @ +25°C = SEE CHART  
RESISTANCE TOLERANCE @ +25°C = SEE CHART  
RESISTANCE/TEMPERATURE CURVE = "J"  
DISSIPATION CONSTANT = 2 mW/°C NOMINAL (STILL AIR)  
MAXIMUM POWER RATING = 20 mW  
TEMPERATURE RATING = -40 TO +150°C

UL FILE NUMBER E232830 (UL CATEGORY XGPU2)

SEE MANUFACTURING SPECIFICATION (LAYER 1)

|     |   |          |    |
|-----|---|----------|----|
| "F" | ADDED USUG1000-154G/USUG1000-154J/USUG1000-154K | 03/12/15 | DD |
| "E" | ADDED USUG1000-224J                             | 12/06/12 | DD |
| "D" | REMOVED USUG1000-224J                           | 11/12/12 | DD |
| "C" | ADDED USUG1000-224J                             | 04/30/12 | DD |
| "B" | ADDED LAYER 1 MANUFACTURING SPECIFICATION       | 05/19/04 | DD |
| --- | ISO RELEASE                                     | 03/12/04 | DD |

|        |     |                                     |          |    |     |
|--------|-----|-------------------------------------|----------|----|-----|
| 093002 | "A" | MINMUM TEMPERATURE RATING WAS -55°C | 09/30/02 | DD | DD  |
| ECN #  | REV | REVISION RECORD                     | DATE     | BY | APP |

|                         |   |
|-------------------------|---|
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| DRAWN BY<br>DAN DANKERT |   |
| DATE 08/13/02           | NTC THERMISTOR  |
| REV. "F"                |   |
| LAYER 0 OF 2            | P/N USUG1000-   |