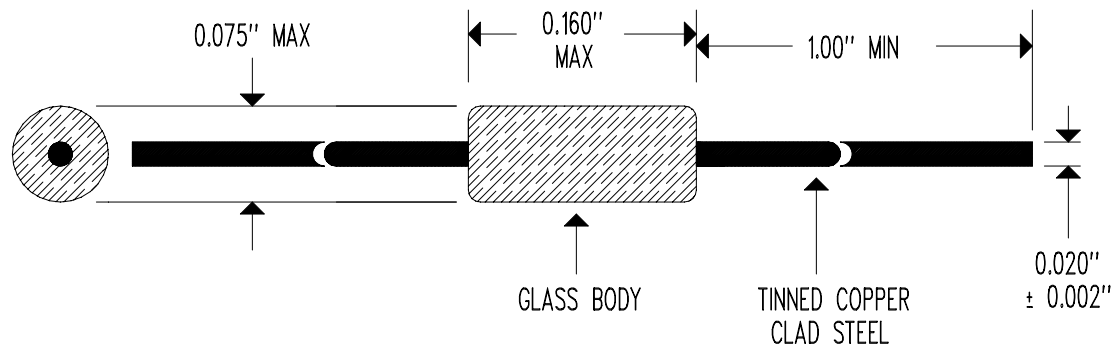


| U.S. SENSOR P/N | R @ +25°C (Ω) | R TOLERANCE @ +25°C (%) |
|-----------------|---------------|-------------------------|
| USUG1000-103G | 10,000 | ± 2 |
| USUG1000-103J | 10,000 | ± 5 |
| USUG1000-103K | 10,000 | ± 10 |
| USUG1000-153G | 15,000 | ± 2 |
| USUG1000-153J | 15,000 | ± 5 |
| USUG1000-153K | 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 |

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

| | |
|----------------------|--|
| SCALE NONE | U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com NTC THERMISTOR P/N USUG1000- |
| DRAWN BY DAN DANKERT | |
| DATE 08/13/02 | |
| REV. "F" | |
| LAYER 0 OF 2 | |