



RTD ELEMENT RESISTANCE @ 0°C = 500 Ω ± 0.24%
 RTD ELEMENT ACCURACY @ 0°C = ± 0.60°C
 RTD ELEMENT DIN 43760 ACCURACY CLASS = "C"
 TCR = 3,850 ppm/°C
 TEMPERATURE RATING = -50 TO +500°C
 THERMAL TIME CONSTANT = 15 SECONDS MAXIMUM (1m/SEC MOVING AIR)
 DISSIPATION CONSTANT = 2 mW/°C NOMINAL (1m/SEC MOVING AIR)
 MAXIMUM APPLIED CURRENT = 1 mA

SEE MANUFACTURING SPECIFICATION (LAYER 1)

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|-----|---|----------|-----|
| "D" | MANUFACTURING SPECIFICATION CHANGE | 10/11/08 | DD |
| "C" | LEAD WIRE WAS 32 AWG PLATINUM PLATED NICKEL | 08/25/05 | DD |
| --- | ISO RELEASE | 04/11/03 | DD |
| "B" | UPDATED LEAD WIRE AWG & LENGTH, ADDED NOTE | 08/14/02 | RD |
| "A" | UPDATED LEAD WIRE AWG & TYPE | 07/15/02 | RD |
| REV | REVISION RECORD | DATE | APP |

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| SCALE | NONE | U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com PLATINUM RTD SENSOR P/N PPG501C1 |
| DRAWN BY | DAN DANKERT | |
| DATE | 07/15/02 | |
| REV. | "D" | |
| LAYER | 0 OF 2 | |