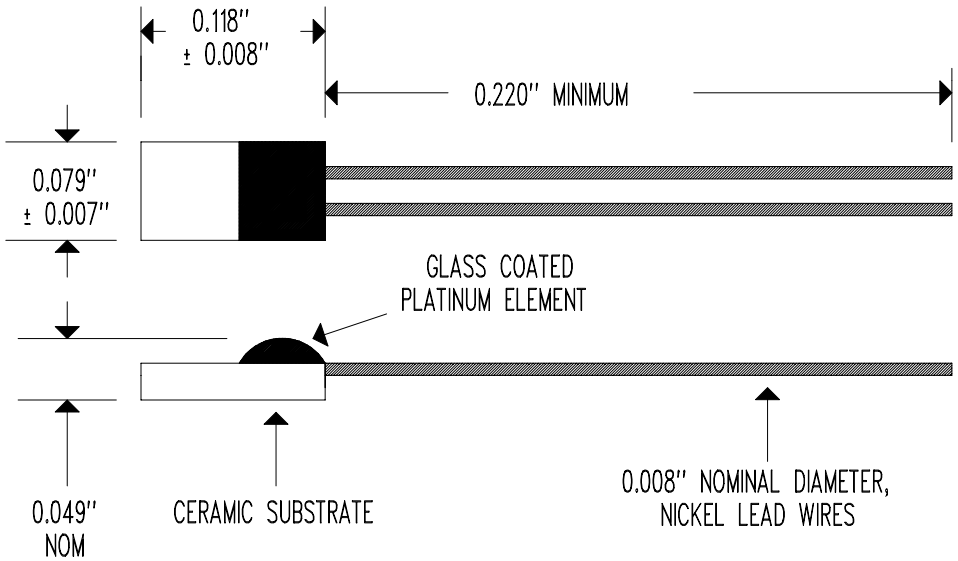

REV	REVISION RECORD	DATE	APP
"E"	LEAD WIRE LENGTH WAS 0.300" MINIMUM	02/18/16	DD
"D"	MANUFACTURING SPECIFICATION CHANGE	10/11/08	DD
"C"	LEAD WIRE WAS 32 AWG PLATINUM PLATED NICKEL	08/25/05	DD
---	ISO RELEASE	04/11/03	DD
"B"	UPDATED LEAD WIRE AWG & LENGTH, ADDED NOTE	08/14/02	RD
"A"	UPDATED LEAD WIRE AWG & TYPE	07/15/02	RD

RTD ELEMENT RESISTANCE @ 0°C = 1,000 Ω ± 0.06%
RTD ELEMENT ACCURACY @ 0°C = ± 0.15°C
RTD ELEMENT DIN 43760 ACCURACY CLASS = "A"
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)

SCALE NONE

DRAWN BY
DAN DANKERT

DATE 07/15/02

REV. "E"

LAYER 0 OF 2

U.S. SENSOR CORP.

© COPYRIGHT

714-639-1000 www.ussensor.com

PLATINUM RTD SENSOR

P/N PPG102A1