

RTD ELEMENT RESISTANCE @ 0°C = 100  $\Omega$  ± 0.12%

RTD ELEMENT ACCURACY @ 0°C = ± 0.30°C

RTD ELEMENT DIN 43760 ACCURACY CLASS = "B"

TCR = 3,850 ppm/'C TEMPERATURE RATING = -50 TO +500'C

THERMAL TIME CONSTANT = 10 SECONDS MAXIMUM (1m/SEC MOVING AIR)
DISSIPATION CONSTANT = 2.5 mW/°C NOMINAL (1m/SEC MOVING AIR)
MAXIMUM APPLIED CURRENT = 1 mA

SEE MANUFACTURING SPECIFICATION (LAYER 1)

"E"	LEAD WIRE LENGTH WAS 0.300" MINIMUM	02/18/16	DD
"D"	DIMENSION "L" FOR 100 Ω RTDS WAS 0.095" ± 0.008"	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

DRAWN BY DAN DANKERT  DATE 07/15/02  REV. "E"  LAYER 0 OF 2  C COPYRIGHT  714-639-1000 www.ussensor.com  PLATINUM RTD SENSOR  P/N PPG101B1	SCALE NONE	LUS SENSOR CORP.
DATE 07/15/02  REV. "E"  PLATINUM RTD SENSOR  D/N PPC101R1		
REV. "E"  PLATINUM RTD SENSOR  D / N PPC 10 1R 1	DATE 07/15/02	714-639-1000 www.ussensor.com
REV. "E" D /N PPC 10 1R 1	DATE 07/13/02	PLATINUM RTD SENSOR
	REV "E"	TEATHON KID SENSON
LAYER O OF 2 P/N PPGIVIDI		D /N DDC101D1
	LAYER 0 OF 2	P/N FFGIUIDI