



RTD ELEMENT RESISTANCE @ 0°C = 500 Ω ± 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 = 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)

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

SCALE	NONE	<b>U.S. SENSOR</b> CORP. © COPYRIGHT 714-639-1000 <a href="http://www.ussensor.com">www.ussensor.com</a> <b>PLATINUM RTD SENSOR</b> <b>P/N PPG501B1</b>
DRAWN BY	DAN DANKERT	
DATE	07/15/02	
REV.	"E"	
LAYER	0 OF 2	