



RTD ELEMENT RESISTANCE @ 0°C = 100 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 = 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)

"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

SCALE	NONE	<b>U.S. SENSOR CORP.</b> © COPYRIGHT 714-639-1000 www.ussensor.com <b>PLATINUM RTD SENSOR</b> P/N PPG101B1
DRAWN BY	DAN DANKERT	
DATE	07/15/02	
REV.	"D"	
LAYER	0 OF 2	