



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)

"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
REV	REVISION RECORD	DATE	APP

SCALE	NONE	U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 <a href="http://www.ussensor.com">www.ussensor.com</a> PLATINUM RTD SENSOR P/N PPG102A1
DRAWN BY	DAN DANKERT	
DATE	07/15/02	
REV.	"E"	
LAYER	0 OF 2	

# Mouser Electronics

Authorized Distributor

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US Sensor:

PPG102A1