



REV	DESCRIPTION	DATE	APP
0	INITIAL RELEASE	11/05/2019	DD
REVISION HISTORY			

EI SENSOR TECHNOLOGIES www.ei-sensor.com © COPYRIGHT	RTD ELEMENT	
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P/N ERTD8B102B62	SCALE: NONE	LAYER: 0 OF 2
	REV: 0	DATE: 11/05/2019

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RTD ELEMENT RESISTANCE @ 0°C = 1,000 Ω NOMINAL

RTD ELEMENT ACCURACY CLASS: "B"

RTD ELEMENT ACCURACY: (-60 TO <0°C) = 0.4 + 0.028 \* t  
(0 TO +200°C) = 0.4 + 0.007 \* t

TCR = 6,180 ppm/°C

DISSIPATION CONSTANT = 7 mW/°C NOMINAL (AIR)

THERMAL TIME CONSTANT = 8.5 SECONDS NOMINAL (AIR)

MAXIMUM RECOMMENDED APPLIED CURRENT = 0.3 mA

TEMPERATURE RATING = -60 TO +200°C

ROHS COMPLIANT