



REV	DESCRIPTION	DATE	APP
1	UPDATED R-T TABLE	11/05/2019	DD
0	INITIAL RELEASE	10/30/2019	DD

REVISION HISTORY

EI SENSOR TECHNOLOGIES www.ei-sensor.com © COPYRIGHT	RTD ELEMENT	
	DRAWN BY: DAN DANKERT	
P/N ERTD8B102A62	SCALE: NONE	LAYER: 0 OF 2
	REV: 1	DATE: 10/30/2019

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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 = 4 mW/°C NOMINAL (AIR)

THERMAL TIME CONSTANT = 6 SECONDS NOMINAL (AIR)

MAXIMUM RECOMMENDED APPLIED CURRENT = 0.3 mA

TEMPERATURE RATING = -60 TO +200°C

ROHS COMPLIANT