



REV	DESCRIPTION	DATE	APP
0	INITIAL RELEASE	01/10/2019	DD
REVISION HISTORY			

EI SENSOR TECHNOLOGIES www.ei-sensor.com © COPYRIGHT	RTD ELEMENT	
	DRAWN BY: DAN DANKERT	
P/N ERTD1B501	SCALE: NONE	LAYER: 0 OF 2
	REV: 0	DATE: 01/10/2019

RESISTANCE @ 0°C = 500 Ω ± 0.12%  
 ACCURACY @ 0°C = ± 0.30°C  
 DIN 43760 ACCURACY CLASS = "B"  
 TCR = 3,850 ppm/°C  
 DISSIPATION CONSTANT = 2 mW/°C NOMINAL (AIR @ 1m/SECOND)  
 MAXIMUM APPLIED CURRENT = 1 mA  
 THERMAL TIME CONSTANT = 15 SECONDS MAXIMUM (AIR @ 1m/SECOND)  
 TEMPERATURE RATING = -50 TO +500°C

ROHS COMPLIANT

This PROPRIETARY document is the property of EI Sensor Technologies. It is confidential in nature, non-transferrable and issued with the understanding that it is not to be traced or copied without permission, and is returnable on demand.