



THERMISTOR ELEMENT POTTED  
IN 300 SERIES STAINLESS  
STEEL PROBE HOUSING

24 AWG, STRANDED CONDUCTOR,  
TWO CONDUCTOR,  
PVC INSULATED ZIPCORD,  
INSULATION COLOR: BLACK

0.250" DIAMETER,  
TIN-PLATED,  
FULLY INSULATED,  
FEMALE QUICK-DISCONNECTS

RESISTANCE @ +25°C = 10,000 Ω ± 2%  
RESISTANCE/TEMPERATURE CURVE = "30"  
BETA "β" (0 TO +50°C) = 3,892°K NOMINAL  
BETA "β" (+25 TO +85°C) 3,977°K NOMINAL  
TEMPERATURE COEFFICIENT @ +25°C = -4.4%/°C NOMINAL  
MAXIMUM TEMPERATURE RATING = +105°C

HIPOT RATING: 1,000 Vac FOR 1 SECOND  
(10 mA MAXIMUM LEAKAGE CURRENT)  
(THERMISTOR ELEMENT TO PROBE HOUSING)

MOISTURE RESISTANT PROBE ASSEMBLY

ROHS COMPLIANT

REV	DESCRIPTION	DATE	APP
0	INITIAL RELEASE	02/22/2021	DD

REVISION HISTORY

EI SENSOR TECHNOLOGIES www.ei-sensor.com © COPYRIGHT		NTC THERMISTOR PROBE	
P/N ETP10511		DRAWN BY: DAN DANKERT	
		SCALE: NONE	LAYER: 0 OF 2
		REV: 0	DATE: 02/22/2021

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.