

0	INITIAL RELEASE	12/18/2018	DD
REV	DESCRIPTION	DATE	APP
REVISION HISTORY			

EI SENSOR TECHNOLOGIES

www.ei-sensor.com

C COPYRIGHT

P/N EPT254S104

NTC THERMISTOR

DRAWN BY: DAN DANKERT

SCALE: NONE LAYER: 0 OF 2

REV: 0 DATE: 11/27/2018

This PROPRIETARY document is the property of El 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.

RESISTANCE @ $+25^{\circ}C$ = 100,000 Ω NOMINAL ACCURACY (0 TO $+70^{\circ}C$) = \pm 0.50°C RESISTANCE/TEMPERATURE CURVE = "54A" BETA " β " (0 TO $+50^{\circ}C$) = $4,142^{\circ}K$ NOMINAL TEMPERATURE COEFFICIENT @ $+25^{\circ}C$ = -4.68%/°C NOMINAL DISSIPATION CONSTANT = 1 mW/°C NOMINAL (AIR) THERMAL TIME CONSTANT = $10^{\circ}C$ SECONDS NOMINAL (AIR) MAXIMUM TEMPERATURE RATING = $+135^{\circ}C$

MAXIMUM EXPOSURE TEMPERATURE FOR BEST LONG-TERM DRIFT = +120°C

ROHS COMPLIANT