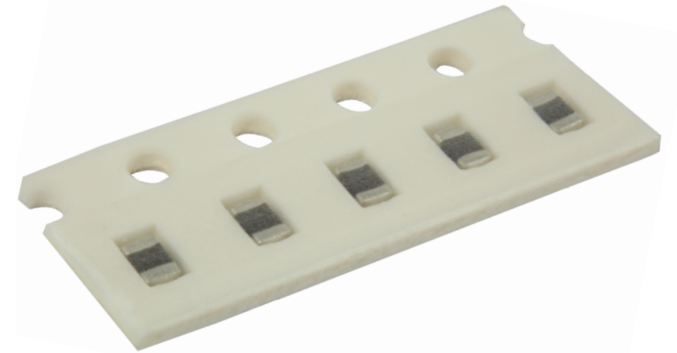




CAPABILITIES AND CUSTOM OPTIONS

NTCS SURFACE MOUNT THERMISTORS

Application Example	Advantage
LED over-temperature protection	<ul style="list-style-type: none"> • High precision • Long term stability (150 °C) • Low tolerance R_{25} (up to 1 %)
Li-ion / Li-po battery protection	



Series: [NTCS0402](#) / [NTCS0603](#) / [NTCS0805](#)

SPECIALTY DEVICES

Dinstictive Features	Application	Series
Very low (typical ± 0.1 %) drifts for defined R_{25} values (100 K Ω in 0805, 121 K Ω in 0603, and 210 K Ω in 0402 with $B_{25/85} = 3590$ K) in storage at any temperature within the temperature range of -55 °C up to 125 °C	Medical equipment	NTCS...E3...SMT
Full AEC-Q200 qualification for any case, any R_{25} (results on request)	All automotive applications	NTCS0805 / NTCS0603 / NTCS0402

Capabilities
Established reliability
Three different sizes
Three different B values for $R_{25} = 10$ K Ω