



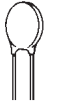





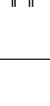





# NTC Thermistors



## Selection Guide

Types	Range of Values R at 25°C	Main Applications	Page
<b>SMD</b> NC12/20  NB12/20/21	$10\ \Omega$ ————— $1\ \text{M}\Omega$	- Hybrid circuit - Temperature Compensation	10 12
<b>Accuracy Series</b> NJ28  NI 28  NK20 	$2\ \text{k}\Omega$ ————— $100\ \text{k}\Omega$ $2\ \text{k}\Omega$ ————— $100\ \text{k}\Omega$	- Temperature measurement	14
<b>Leaded Discs</b> N.03  N.06  N.09 	$47\ \Omega$ ————— $1\ \text{M}\Omega$ $10\ \Omega$ ————— $330\ \text{k}\Omega$ $3.9\ \Omega$ ————— $150\ \text{k}\Omega$	- Temperature measurement and regulation - Level detection - Compensation	16 18 20
<b>Leadless Discs</b> NR 	Custom designed products generally defined at two temperatures	- Automotive and industrial thermal control	22
<b>Insulated Case</b> NM06 	$10\ \Omega$ ————— $330\ \text{k}\Omega$	- Temperature measurement and regulation - Compensation	24
<b>Inrush Current Limiters</b> NF 08  NF 10  NF 13  NF 15  NF 20 	$5\ \Omega$ to $33\ \text{k}\Omega$ $2.5\ \Omega$ to $120\ \Omega$ $2.5\ \Omega$ to $60\ \Omega$ $1.3\ \Omega$ to $47\ \Omega$ $1\ \Omega$ to $33\ \Omega$	- Current limitation - Delay circuit	26