

## ATCD Series – Axial NTC Thermistor

A range of axial glass-encapsulated diode style NTC thermistors suitable for high temperature, high accurate temperature control and temperature compensation up to 200°C.

### Features

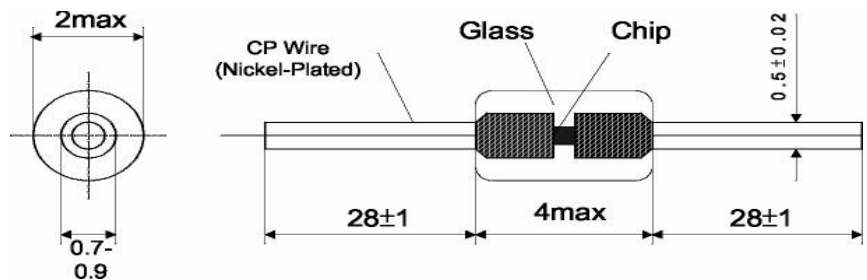
- High temperature sensing -40°C / +200°C
- Moisture resistant
- Highly accurate 1% tolerances.



### Applications

- Batteries - rechargeable
- Home appliances
- Automotive electronics
- Temperature sensors

### Dimensions



Part No.	Zero Power Resistance at 25°C	R25 Tolerance	B Value	B Value Tolerance	Operating Temperature Range (°C)	Dissipation Factor $\delta$ (mW/°C)	Thermal Time Constant Tc(s)	Rated Power at 25°C
	R25 (k $\Omega$ )	( $\pm$ %)	(K)	( $\pm$ %)				Pmax (mW)
502ATCD-#P	5	1, 2, 3, & 5	B <sub>25/50</sub> =3550	2~3	-40~+200	2	10	120
103ATCDA-#P	10		B <sub>25/50</sub> =3550					
103ATCDD-#P	10		B <sub>25/85</sub> =3435					
103ATCDE-#P	10		B <sub>25/85</sub> =3470					
103ATCDG-#P	10		B <sub>25/85</sub> =3975					
203ATCDA-#P	20		B <sub>25/50</sub> =3950					
303ATCD-#P	30		B <sub>25/50</sub> =3950					
473ATCD-#P	47		B <sub>25/50</sub> =3950					
503ATCD-#P	50		B <sub>25/50</sub> =3950					
104ATCDB-#P	100		B <sub>25/50</sub> =4000					
104ATCDC-#P	100		B <sub>25/85</sub> =3975					
104ATCDD-#P	100		B <sub>25/85</sub> =4300					
204ATCDA-#P	200		B <sub>25/85</sub> =4000					
204ATCDD-#P	200		B <sub>25/50</sub> =3950					
204ATCDE-#P	200		B <sub>25/50</sub> =4350					

Note: # = R25 Tolerance 1=1%, 2=2%, etc.

Alternative R25/B values available

Available as bulk, tape/reel or ammo-pack versions.

For further information please contact us at [sales@atcsemitec.co.uk](mailto:sales@atcsemitec.co.uk)