

## Applications

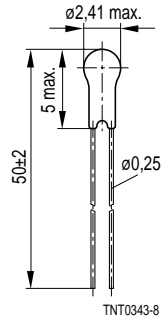
- Heating and air conditioning systems
- Industrial electronics
- Automotive electronics

## Features

- Fast response
- High measuring accuracy
- Different tolerances available
- Epoxy resin encapsulation
- Silver-plated Ni leads

## Options

Non-standard lead lengths



Dimensions in mm  
Approx. weight 60 mg

Climatic category (IEC 68-1)		55/155/56	
Max. power at 25 °C	$P_{25}$	60	mW
Resistance tolerance	$\Delta R/R_N$	$\pm 1\%, \pm 3\%, \pm 5\%$	
Rated temperature	$T_N$	25	°C
B value tolerance	$\Delta B/B$	$\pm 1\%$	
Dissipation factor (in air)	$\delta_{th}$	approx. 1,5	mW/K
Thermal cooling time constant (in air)	$\tau_c$	approx. 12	s
Heat capacity	$C_{th}$	approx. 18	mJ/K

Type	$R_{25}$ $\Omega$	No. of R/T characteristic	$B_{25/100}$ K	Ordering code
S 867/2 k/+140	2 k	1008	3560	B57867-S202-+140
S 867/3 k/+140	3 k	8016	3988	B57867-S302-+140
S 867/5 k/+140	5 k	8016	3988	B57867-S502-+140
S 867/10 k/+140	10 k	8016	3988	B57867-S103-+140
S 867/30 k/+140	30 k	8018	3964	B57867-S303-+140
S 867/50 k/+140	50 k	2901	3760	B57867-S503-+140
S 867/100 k/+140	100 k	2014	4540	B57867-S104-+140

+: F for  $\Delta R/R_N = \pm 1\%$   
 H for  $\Delta R/R_N = \pm 3\%$   
 J for  $\Delta R/R_N = \pm 5\%$

For reliability data refer to S 861, [page 56](#).