

Applications

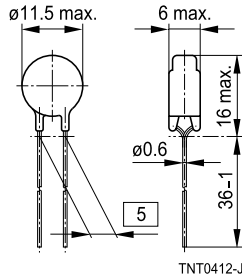
- Switch-mode power supplies

Features

- Useable in series connections up to 265 V_{rms}
- Coated thermistor disk
- Kinked leads of tinned copper wire
- Wide resistance range
- UL approval (E69802)

Options

Resistance tolerance <20% and alternative lead configurations available on request

Dimensional drawing

Delivery mode

Bulk (standard),
cardboard tape, reeled or in Ammo pack

Dimensions in mm
Approx. weight 1 g

General technical data

Climatic category	(IEC 60068-1)		55/170/21	
Max. power	(at 25 °C)	P _{max}	2.1	W
Resistance tolerance		ΔR _R /R _R	±20	%
Rated temperature		T _R	25	°C
B value tolerance		ΔB/B	±3	%
Dissipation factor	(in air)	δ _{th}	approx. 10	mW/K
Thermal cooling time constant	(in air)	τ _c	approx. 70	s
Heat capacity		C _{th}	approx. 700	mJ/K

Electrical specification and ordering codes

R ₂₅	I _{max} (0...65 °C)	No. of R/T char- acteristic	B _{25/100}	C _{test} ¹⁾ 230 V	C _{test} ¹⁾ 110 V	Param. for R(I) ¹⁾	Param. for R(I) ¹⁾	Ordering code
Ω	A	K	K	μF	μF	k	n	
2.5	5.5	1201	2700	200	800	0.621	-1.27	B57236S0259M000
3	5.0	1201	2700	300	1200	0.804	-1.34	B57236S0309M000
5	4.5	1202	2800	300	1200	0.761	-1.30	B57236S0509M000
8	3.5	1203	2900	300	1200	1.11	-1.34	B57236S0809M000
10	3.5	1203	2900	300	1200	0.942	-1.32	B57236S0100M000
12	3.2	1203	2900	300	1200	1.00	-1.32	B57236S0120M000
16	2.9	1207	2965	300	1200	1.08	-1.33	B57236S0160M000
20	2.8	1208	3065	300	1200	1.13	-1.34	B57236S0200M000
25	2.5	1208	3065	300	1200	1.22	-1.34	B57236S0250M000
50	1.9	1209	3165	300	1200	1.44	-1.38	B57236S0500M000
80	1.6	1304	3300	400	1600	1.64	-1.37	B57236S0800M000

1) For details on the capacitance C_{test} as well as on the parameters k and n refer to "Application Notes", chapters 2.6 and 2.7.