SMD NTC Thermistor

SMD NTC Thermistor with Ni-Barrier Termination	**B57621C5472*062**

Preliminary Data sheet   FOR INFORMATION ONLY

Applications
- Temperature measurement and compensation for mobile phone applications (e.g. battery pack, TCXO, LCD display), automotive and data systems

Features
- Standard EIA chip size 1206
- SMD NTC with Ni - Barrier termination (Ag/Ni/Sn)
- The component is compliant with ROHS (DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment)
- Suitable for lead-free soldering process

Electrical Specifications

Part Number	Zero-Power Resistance (at 25°C)	$B_{25/100}$	$B_{25/85}$	$B_{25/50}$
B57621C5472*062	4,7 kΩ	3520 K ± 3%	(3500 K)	(3430 K)

* = Resistance Tolerance: J   for $\Delta R/R_{25}$ = ± 5%
                        K   for $\Delta R/R_{25}$ = ± 10%
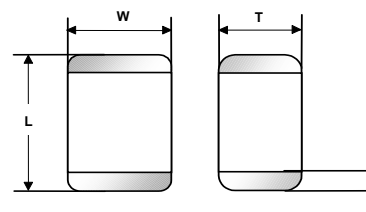   M for $\Delta R/R_{25}$ = ± 20%

Climatic Category (IEC 60068-1)	**55/125/21**
Lower category temperature	**-55°C**
Higher category temperature	**125°C**
Power rating at 25°C P_{25}	**300mW** [1]
Dissipation factor (on PCB) G_{th}	**approx. 5.0 mW/K** [1]
Thermal cooling time constant (on PCB) T_{th}	**approx. 10 s** [1]
Heat capacity C_{th}	**approx. 50 mJ/K** [1]
Weight of component	**approx. 18 mg**

[1] Depends on mounting situation

Part Dimensions

Type	L	W	T	k
1206	3.2±0.2	1.6±0.2	1.3 max.	0.5±0.25

Dimensions in mm

☐ Termination Ag/Ni/Sn   Dimensions in [mm]