



ULTIMATE THINNESS, JT THERMISTOR

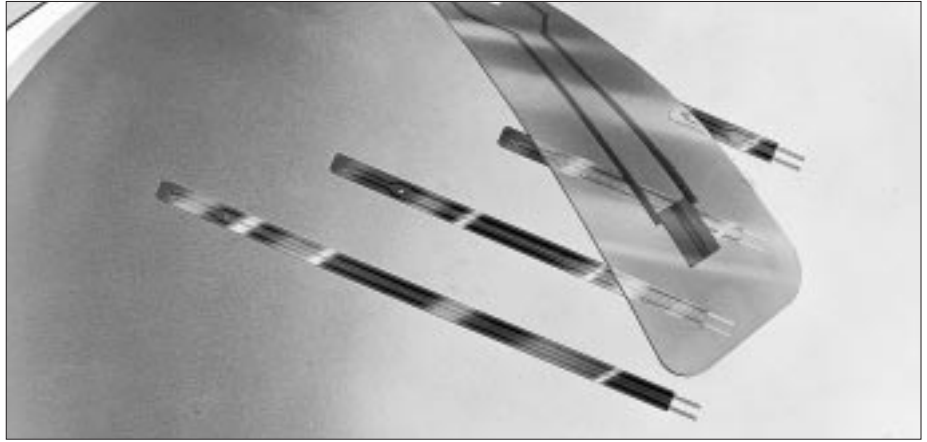
500μm only

JT THERMISTOR

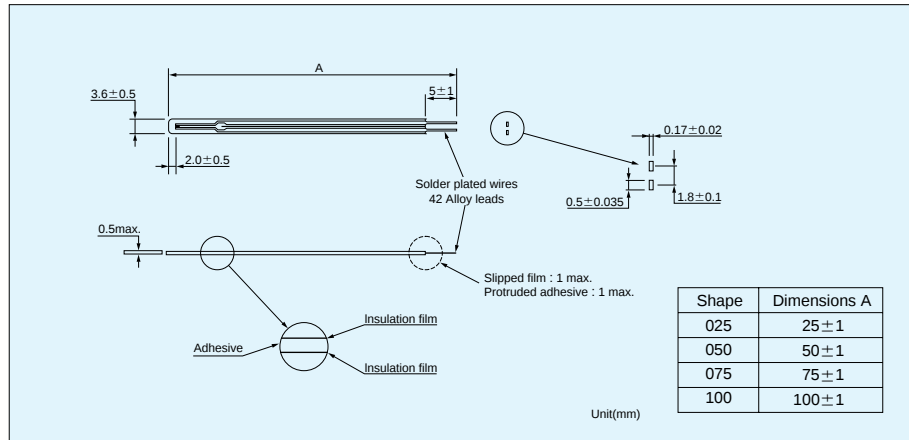
The JT thermistor is a new accurate thin NTC thermistor that offer electrical characteristics identical to those of the AT, a high precision themistor, The JT, IT, HT, ET, and AT all share identical characteristics and are interchangeable, thus selection of a thermistor can be made solely on the basis of required configuration, with no concern over change in design.

Part number

103	JT-025	A	
			Insulation film
			A : Polyester film×Polyester film
			Nil: Polyester film×Polyimide film
			Shape
			JT thermistor
			Rated zero-power resistance at 25°C 103 : 10kΩ



Dimensions



Resistance-Temperature

Temperature (°C)	Type	
	103JT	104JT
-50	367.7	9584
-40	204.7	4572
-30	118.5	2282
-20	71.02	1191
-10	43.67	647.2
0	27.70	365.0
10	18.07	212.5
20	12.11	127.7
30	8.301	78.88
40	5.811	50.03
50	4.147	32.51
60	3.011	21.61
70	2.224	14.66
80	1.668	10.13
90	1.267	7.135
100		5.111
110		3.720
120		2.746
125		2.371

Unit(kΩ)

Specifications

Part No.	R ₂₅ *1	B value*2	Dissipation factor (mW/°C)	Thermal time constant(s)*3	Rated power at 25°C(mW)	Operating temp. range(°C)
103JT-□□□	10kΩ±1%	3435K±1%	0.7	5	3.5	-50~90
103JT-□□□ A	10kΩ±1%	3435K±1%	0.7	5	3.5	-50~90
104JT-□□□	100kΩ±1%	4390K±1%	0.7	5	3.5	-50~125

*1 R₂₅: Rated zero-power resistance value at 25°C, ±2% and 3% are also available.

*2 B value: determined by rated zero-power resistance at 25°C and 85°C.

*3 Time when thermistor temperature reaches 63.2% of the temperature difference. The value is measured in the air.