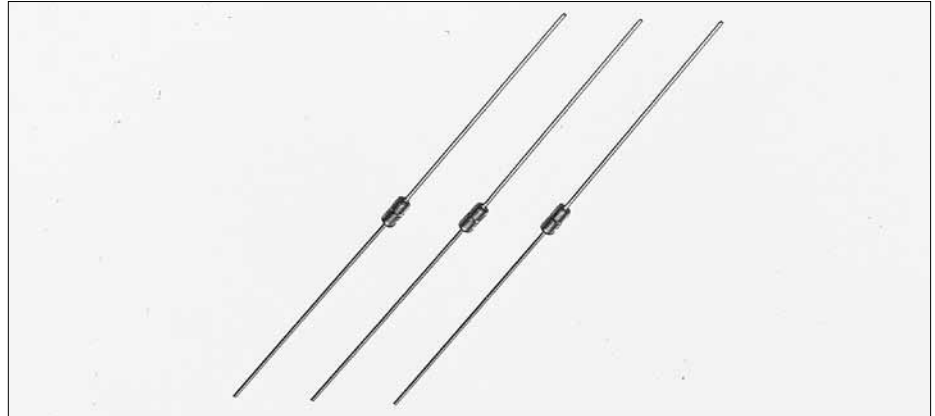
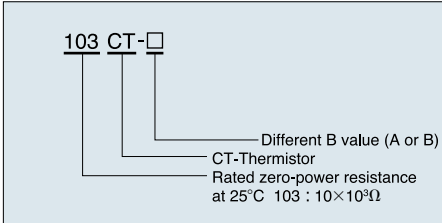


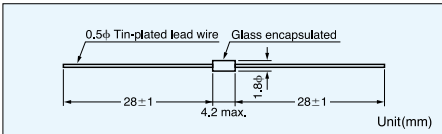
CT THERMISTOR

The CT thermistor is a thermal sensor in a DO35 package. Similar to the BT thermistor, it is highly reliable and offers a wide operating range of -50°C to $(150^{\circ}\text{C}) 250^{\circ}\text{C}$. It is primarily used in home electric appliances and features a competitive price for full-automated manufacturing system.

Part number

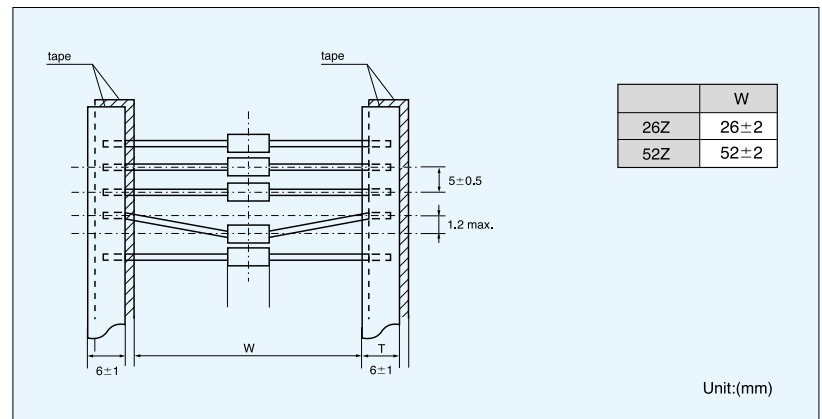


Dimensions



To allow automatic insertion, this product can be taped.

Taping Specification



Specifications

Part No.	Rated zero-power resistance			temperature (°C)	B value*2	Dissipation factor (mW/°C) Approx.	Thermal time constant(s)*3 Approx.	Rated Electricity mW at 25°C	Category temp. range(°C)	Lead wire	Packing Method
	temperature*1 (°C)	resistance	tolerance								
252CT-4	25	2.50kΩ	±5%	25/85	3670K±2%	2.1	10~20	10.5	-50~+250	Nickel plate	Individually packed
512CT-4		5.10kΩ			3200K±2%						
562CT-4		5.60kΩ			3200K±2%						
912CT-4		9.10kΩ			3270K±2%						
103CT-4		10.0kΩ			3270K±2%						
113CT-4		11.0kΩ			3270K±2%						
203CT-4		20.0kΩ			3410K±2%						
473CT-4		47.0kΩ			3610K±2%						
513CT-4		51.0kΩ			3610K±2%						
563CT-4		56.0kΩ			3610K±2%						
104CT-4		100kΩ			3450K±2%						
204CT-4		200kΩ			3500K±2%						
252CT-20218		0			7.881kΩ				±3%		
103CT-11005	25	10.0kΩ	±2%	25/50	3680K±2%	-30~+150	26mm taping				
103CT-21048	25	10.0kΩ	±3%	25/85	4100K±2%	-40~+150	Individual				
103CT-01006	25	10.0kΩ	±5%	25/85	3900K±2%	-30~+150	26mm taping				
103CT-20217	0	30.0kΩ	±3%	25/50	3434K±2%	-40~+150	52mm taping				
503CT-91027	50	19.727kΩ	±2.5%	25/85	3992K±2%	-40~+150	26mm taping				
104CT-90113	25	100.0kΩ	±5%	25/85	4070K±2%	-40~+150	52mm taping				
503CT-90083	85	5.911kΩ	±3%	25/85	3800K±2%	-40~+250	Nickel plate	Individual			

*1 Rated zero power resistance at each temperature.

*2 B value : determined by rated zero-power resistance at each temperature.

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

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