

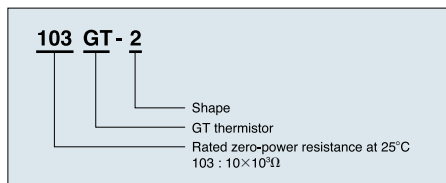
HIGH HEAT-RESISTANCE AND HIGH SENSITIVE THERMISTOR

GT THERMISTOR

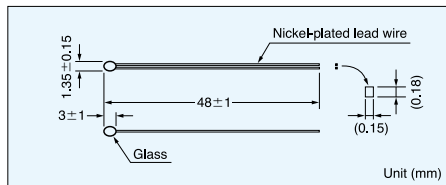
GT thermistor is combined both superior feature of BT thermistor and ET thermistor as fast response time, high reliability, wide category temperature range, high moisture proof, high accuracy and reasonable price.

GT thermistor is made up of a high quality thermistor element and the lead wire is connected to the thermistor element by alloyed technology, and glass coating for the thermistor element.

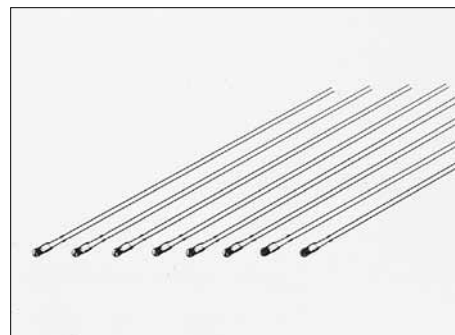
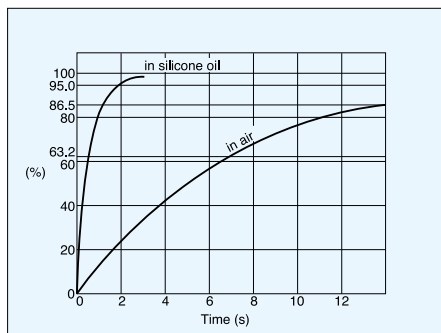
Part number



Dimensions



Time constant



Specifications

Part No.	R_{25}^{*1}	B value ^{*2}	Dissipation factor (mW/°C) Approx.	Thermal time constant(s) ^{*3} Approx.	Rated maximum power dissipation (at 25°C)(mW)	Category temp. range(°C)
102GT-2	$1.0k\Omega \pm 3\%$	$3305K \pm 2\%$	0.6	7	3.0	-50~+200
202GT-2	$2.0k\Omega \pm 3\%$	$3838K \pm 2\%$				-50~+300
502GT-2	$5.0k\Omega \pm 3\%$	$3964K \pm 2\%$				
103GT-2	$10.0k\Omega \pm 3\%$	$4126K \pm 2\%$				
203GT-2	$20.0k\Omega \pm 3\%$	$4282K \pm 2\%$				
503GT-2	$50.0k\Omega \pm 3\%$	$4288K \pm 2\%$				
104GT-2	$100.0k\Omega \pm 3\%$	$4267K \pm 2\%$				
104GTA-2	$100.0k\Omega \pm 3\%$	$4390K \pm 2\%$				
204GT-2	$200.0k\Omega \pm 3\%$	$4338K \pm 2\%$				
504GT-2	$500.0k\Omega \pm 3\%$	$4526K \pm 2\%$				
105GT-2	$1000.0k\Omega \pm 3\%$	$4608K \pm 2\%$				

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)
	temperature ^{*1} (°C)	resistance	tolerance						
252GT-2-20185	0	$6k\Omega$	$\pm 5\%$	0/100	$3390K \pm 2\%$	0.6	7	3.0	-50~+300
252GT-2-20197	25	$2.5k\Omega$	$\pm 2.5\%$		$3745K \pm 2\%$				
262GT-2-20198	0	$8k\Omega$	$\pm 1\%$		$3450K \pm 2\%$				
542GT-2-20184	75	$0.7331k\Omega$	$\pm 3\%$	0/100	$3450K \pm 2\%$				
542GT-2-20186	0	$15k\Omega$	$\pm 3\%$		$3450K \pm 2\%$				
852GT-2-20156	50	$3.485k\Omega$	$\pm 3\%$		$3450K \pm 2\%$				
103GT-2-20196	25	$10k\Omega$	$\pm 1\%$	25/85	$3435K \pm 1\%$				
103GTA-2-20199	25	$10k\Omega$	$\pm 5\%$		$3980K \pm 2\%$				
303GT-2-20205	25	$30k\Omega$	$\pm 3\%$		$3970K \pm 2\%$				
333GT-2-20204	125	$1.509k\Omega$	$\pm 3\%$	0/100	$3570K \pm 2\%$				
493GT-2-20157	5	$127k\Omega$	$\pm 2\%$		$3970K \pm 2\%$				
493GT-2-20159	75	$7.214k\Omega$	$\pm 3\%$		$3970K \pm 2\%$				
493GT-2-20188	40	$26.06k\Omega$	$\pm 2\%$	100/200	$4300K \pm 3\%$				
104GT-2-20201	25	$100k\Omega$	$\pm 3\%$		$4537K \pm 1\%$				
234GT-2-20194	25	$231.44k\Omega$	$\pm 3\%$		$4537K \pm 2\%$				
234GT-2-20195	150	$3.161k\Omega$	$\pm 3\%$	200/300	$5133K \pm 3\%$				
145GT-2-20203	200	$4k\Omega$	$\pm 5\%$		$5133K \pm 3\%$				

*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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