

## MF11(MF12) TYPE NTC THERMISTORS

### \* Applications:

Suitable for mediocre-precision temperature measurement as well as temperature compensation in measuring equipment and transistor circuit.

### \* Features:

MF11: Produced in compliance with GB665-86 standard with B value corresponding resistance value one by one; error range of B value is quite small; the products with resistance error range within  $\pm 5\%$  feature high consistency and interchangeability.

MF12: Wide resistance range, maximum normal resistance up to 2M $\Omega$  and high stability.



### \* Main Technical Parameters:

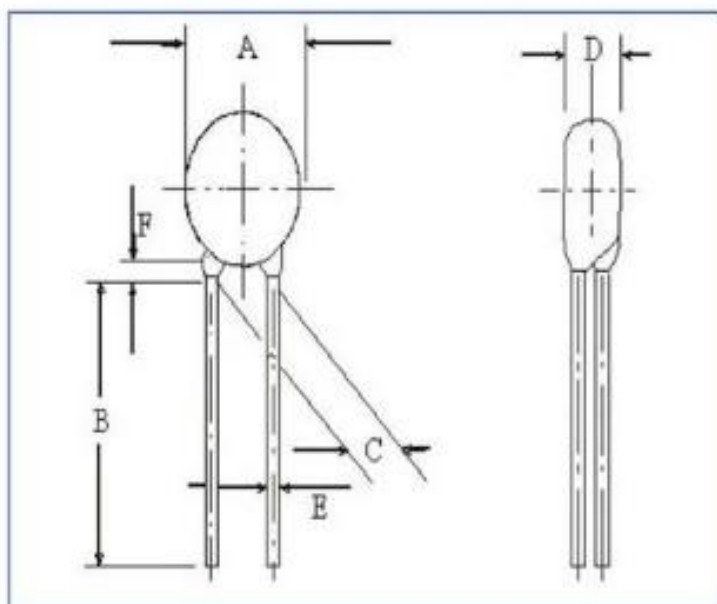
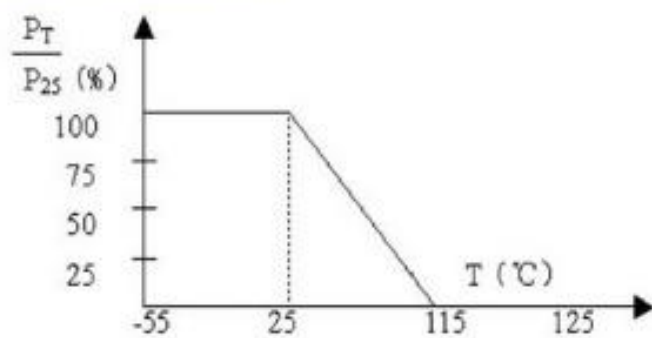
Rated power: 0.5W; Operating temperature range: -55 $^{\circ}\text{C}$ ~+125 $^{\circ}\text{C}$ .

Time constant:  $\leq 30\text{S}$ ; Dissipation coefficient:  $\geq 6\text{mW}/^{\circ}\text{C}$ ; Measuring power:  $\leq 0.1\text{mW}$ ; Please refer to the table below for normal resistance, resistance tolerance, B value and B value tolerance.

MF11	25 $^{\circ}\text{C}$ Normal Resistance		B Value 值	
	Rated Value ( $\Omega$ )	Allowable Tolerance (%)	Normal Value (K)	Allowable Tolerance (%)
	10	$\pm 5$ ; $\pm 10$ ; $\pm 20$	2800	$\pm 5$
	15		2870	
	22		2935	
	33		3010	
	47		3070	
	68		3135	
	100		3200	
	150		3280	
	220		3350	
	330		3440	
	470		3520	
	680		3600	
	1000		3680	
	1500		3775	
	2200		3915	
	3300		4070	
	4700		4200	

	6800		4300	
	10000		4400	
	15000		4475	
MF12	1K~2M		3500~5500	

\* Load-Temperature Characteristics



Structure Drawing