

5mm EPOXY COATED DISC TYPE  
THERMISTORS FOR TEMPERATURE  
COMPENSATION, MEASUREMENT AND CONTROL



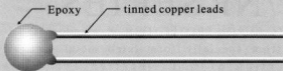
## RATING

Operating Temperature Range:  $-20^{\circ}\text{C} \sim +125^{\circ}\text{C}$   
Maximum Power Rating: 500mW

## SPECIFICATIONS

5mm Series

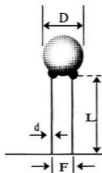
Part No.	Nominal Resistance at 25°C (ohms)	Beta Value (· K)	Max. permissible Current at 25°C (mA)	Thermal Dissipation Constant (mW/°C)	Thermal Time Constant (sec)
RN3430	15	2900	250	6	18
RN3432	100	3100	200	6	19
RN3434	500	3800	100	6	16
RN3436	1,000	3700	80	6	17
RN3438	4,700	4100	45	6	22
RN3440	10,000	4100	30	6	15
RN3442	47,000	4400	20	6	18
RN3444	100,000	4400	15	6	16



Disc  $\phi$  3 5 Unit:mm

Resistance Tolerance:  $K = \pm 10\%$

# DIMENSION SPECIFICATIONS



FORMING TYPE : W<sub>TYPE</sub>

## FORMING SPECIFICATIONS

Type	Disc Dia.	Forming Type	d ( $\pm 0.02$ )	D (max.)	T (max.)	F ( $\pm 1.0$ )	L (min.)
NTC	5 $\Phi$	W2	0.5	6.5	4.0	3.5	25