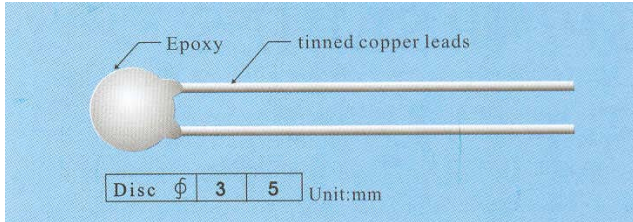


RC Series



5mm · 3mm EPOXY COATED DISC TYPE
THERMISTORS FOR TEMPERATURE
COMPENSATION, MEASUREMENT AND CONTROL

RATING

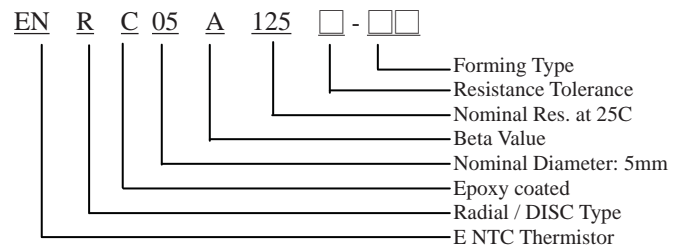
Operating Temperature Range: -20°C ~ +125°C
Maximum Power Rating: 500mW (for 5mm)
Maximum Power Rating: 250mW (for 3mm)

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)
ENRC05A015	15	2900	250	6	18
ENRC05A020	20	2900	250	6	18
ENRC05A045	45	3100	250	6	16
ENRC05A050	50	3100	250	6	19
ENRC05A070	70	3100	250	6	18
ENRC05A085	85	3100	250	6	19
ENRC05A090	90	3100	250	6	19
ENRC05A110	100	3100	200	6	19
ENRC05A112	120	3100	200	6	22
ENRC05A120	200	3000	200	6	14
ENRC05A122	220	3000	180	6	18
ENRC05A125	250	3000	150	6	17
ENRC05A130	300	3000	150	6	15
ENRC05A135	350	3000	125	6	15
ENRC05C150	500	3800	100	6	16
ENRC05C180	800	3700	80	6	18
ENRC05C210	1000	3700	80	6	17
ENRC05C215	1500	3700	60	6	14
ENRC05C220	2000	4000	60	6	14
ENRC05C222	2200	4000	60	6	14
ENRC05C225	2500	4000	60	6	13
ENRC05C230	3000	4000	50	6	14
ENRC05C233	3300	4100	45	6	21
ENRC05C235	3500	4100	45	6	16
ENRC05C240	4000	4100	45	6	14
ENRC05C245	4500	4100	45	6	21
ENRC05C247	4700	4100	45	6	22
ENRC05C250	5000	4100	45	6	15
ENRC05C260	6000	4100	40	6	20
ENRC05C310	10000	4100	30	6	15
ENRC05C312	12000	4100	30	6	21
ENRC05C315	15000	4200	25	6	18
ENRC05C320	20000	4200	25	6	18
ENRC05D330	30000	4400	20	6	19
ENRC05D333	33000	4400	20	6	21
ENRC05D347	47000	4400	20	6	18
ENRC05D350	50000	4400	20	6	18
ENRC05D410	100000	4400	15	6	16
ENRC05D415	150000	4500	10	6	14
ENRC05D420	200000	4600	8	6	23
ENRC05D422	220000	4500	6	6	20
ENRC05D433	330000	4500	6	6	21
ENRC05D440	400000	4500	5	6	18
ENRC05D447	470000	4500/5200	5	6	21/18

PART NUMBER CODE



Resistance tolerance: F=±1% ; G=±2% ; H=±3% ; J=±5% ; K=±10% ; L=±15%

Nominal Resistance at 25°C: The last two digits are significant figures. The first digit specifies the number of zeros to follow. (250Ω is illustrated)

Beta value 25°C/50°C: S<1600; A=1600-3300; B=3300-3600 C=3600-4200; D>4200

SPECIFICATIONS

3 mm 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)
ENRC03A110	100	3141	50	5.5	10
ENRC03A210	1000	3000	25	5.5	10
ENRC03C220	2000	3800	20	5.5	10
ENRC03C222	2200	3800	20	5.5	10
ENRC03C227	2700	3800	20	5.5	10
ENRC03C230	3000	3800	18	5.5	10
ENRC03C240	4000	3800	15	5.5	10
ENRC03C247	4700	3800	15	5.5	10
ENRC03C250	5000	3800	15	5.5	10
ENRC03C268	6800	3800	10	5.5	10
ENRC03C310	10000	4000	10	5.5	10
ENRC03C312	12000	4000	10	5.5	10
ENRC03C315	15000	4000	10	5.5	10
ENRC03C320	20000	4100	10	5.5	10
ENRC03C322	22000	4100	8	5.5	10
ENRC03C330	30000	4100	7	5.5	10
ENRC03C333	33000	4100	7	5.5	10
ENRC03C347	47000	4200	5	5.5	10
ENRC03C350	50000	4200	5	5.5	10
ENRC03C368	68000	4200	5	5.5	10
ENRC03D410	100000	4400	3	5.5	10
ENRC03D422	220000	4293	2	5.5	10