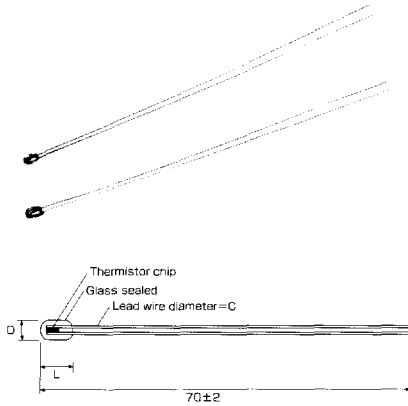


NTC Thermistors

■ NHG, NGR Series



NHG Series

Type No.	Part No.	Resistance R25°C (Ω)	B-value B150/250 (K)	Dimensions		
				L (mm)	D (mm)	C (mm)
NHG3	NHG3471K457J	470	4570	3.5	2.2	0.26
	NHG3152K495J	1.5k	4950	Max.	Max.	

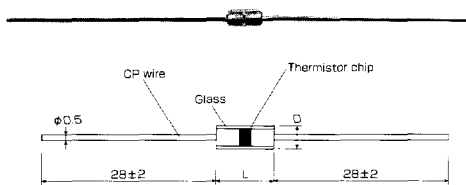
Operating temperature range ; -30°C ~ 400°C, 450°C

NGR Series

Type No.	Part No.	Resistance R25°C (Ω)	B-value B25/85 (K)	Dimensions		
				L (mm)	D (mm)	C (mm)
NGR2	NGR2202J354G	2k	3540	3.5	1.5	0.20
	NGR2503J396G	50k	3960	Max.	Max.	
NGR3	NGR3202J354G	2k	3540	3.5	2.0	0.25
	NGR3503J396G	50k	3960	Max.	Max.	
NGR4	NGR4202J354G	2k	3540	4.0	2.5	0.35
	NGR4303J396G	30k	3960	Max.	Max.	

Operating temperature range ; -55°C ~ 300°C

■ NDH Series

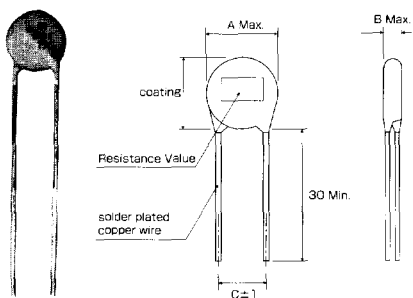


NDH Series

Type No.	Part No.	Resistance R25°C (Ω)	B-value B25/85 (K)	Dimensions	
				L (mm)	D (mm)
NDH1	NDH1402J354G	4k	3540	3.6 ± 0.5	1.9 ± 0.15
	NDH1203J396G	20k	3960		
NDH2	NDH2102J354G	1k	3540	3.8 ± 0.5	2.1 ± 0.15
	NDH2304J400G	300k	4000		

Operating temperature range ; -40°C ~ 300°C

■ N, S & E Series Rush Current Suppression Thermistors

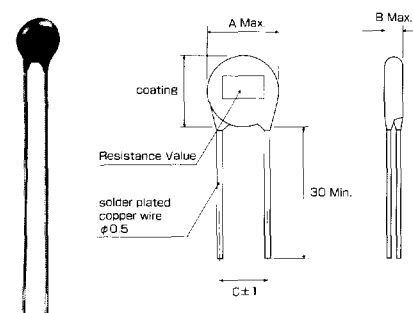


Power Thermistors (N,S,E series)

Part No.	Resistance at 25°C (Ω)	B value B25/50 (K)	Maximum permissible current at 25°C (A)	Dimensions			
				A (mm)	B (mm)	C (mm)	
N series	N□□□ L07D□□□ J	22	3250 ± 5%	1.4	9.5 Max.	6 Max.	7.5 ± 1
	N□□□ L09D□□□ J	10 ~ 16		1.7 ~ 2.2	11 Max.		
	N□□□ L12D□□□ J	5 ~ 10		2.4 ~ 3.3	14 Max.		
	N□□□ L13D□□□ J	5 ~ 16		1.9 ~ 3.4	16 Max.	8 Max.	10 ± 1
	N□□□ L18D□□□ J	4 ~ 10		2.8 ~ 4.1	21 Max.		
	N□□□ L20D□□□ J	3 ~ 6		3.9 ~ 5.4	25 Max.		

Part No.	Resistance at 25°C (Ω)	B value B25/50 (K)	Maximum permissible current at 25°C (A)	Dimensions			
				A (mm)	B (mm)	C (mm)	
S series	S□□□ K08D□□□ J	5.1 ~ 22	2950 ~ 3150	1.5 ~ 2.6	9.5 Max.	6 Max.	7.5 ± 1
	S□□□ K10D□□□ J	2.2 ~ 10		2.3 ~ 4.2	13 Max.		
	S□□□ K12D□□□ J	2.2 ~ 8.2		3.4 ~ 4.8	15 Max.	7 Max.	
	S□□□ K14D□□□ J	1.0 ~ 5.1		3.6 ~ 6.7	17 Max.	6 Max.	

■ Temp. Compensating NRD Series



Part No.	Resistance at 25°C (Ω)	B value B25/50 (K)	Rated current at 25°C (A)	Dimensions				
				A (mm)	B (mm)	C (mm)		
E series	E□□□ M06D□□□ J	5.1 ~ 10	2950 ~ 3250	2 ~ 2.7	8.5 Max.	5.5 Max.	7 Max.	7.5 ± 1
	E□□□ M08D□□□ J	5.1 ~ 22		2.2 ~ 3.6	9.5 Max.			
	E□□□ M10D□□□ J	2.2 ~ 22		2.4 ~ 5.7	13 Max.			
	E□□□ M12D□□□ J	2 ~ 10		3.4 ~ 6.3	14 Max.	8 Max.	10 ± 1	
	E□□□ M14D□□□ J	1 ~ 10		3.5 ~ 9.0	17 Max.			
	E□□□ K18D□□□ J	1 ~ 5.1		5.0 ~ 9.2	21 Max.			
	E□□□ M20D□□□ J	1 ~ 5.1		5.5 ~ 10	25 Max.			

Temp. Compensating NRD series

Part No.	Resistance at 25°C (Ω)	B value B25/85 (K)	Dissipation constant (mW/°C)	Rated wattage (mW)	Dimensions	
					A (mm)	B (mm)
NRD3□□□ L□□□	2k ~ 300k	3600 ~ 4200	5	375	4.5 Max.	6 Max.
NRD5□□□ L□□□	90 ~ 100k	2800 ~ 4200	7	520	6.7 Max.	
NRD8□□□ L□□□	8 ~ 50	3000 ~ 3250	8	600	9.5 Max.	