

NTC SMD Thermistors



With Nickel Barrier Termination NB 12 - NB 20 - NB 21

NB 21 IEC SIZE : 06-03	NB 12 IEC SIZE : 08-05	NB 20 IEC SIZE : 12-06
Nickel Barrier		
0.07 W max. at 25°C	0.12 W max. at 25°C	0.24 W max. at 25°C
1 mW/°C 4 s	2 mW/°C 5 s	4 mW/°C 7s

HOW TO ORDER

NB 20 **K0** **0103** **M** **BA**
 ① ② ③ ④ ⑤

- ① Type
- ② Material Code*
- ③ Resistance
10,000 Ω
- ④ Tolerance
M = (±20%)
K = (±10%)
J = (±5%)
- ⑤ Suffix: Packaging
--: Bulk
BA: Super 8 plastic tape
BE: Super 8 plastic tape (1/2 reel)

Table of Values

NB 21 IEC SIZE : 06-03			
Rn at 25°C (Ω)	Material Code (1)	B (K) (ΔB/B (1) ± 5% (2) ± 3%)	α at 25°C (%/°C)
4,700	PC	4200 (1)	- 4.7
10,000	J5	3480 (1)	- 3.9
15,000	K	3630 (2)	- 4.0
22,000	L	3790 (2)	- 4.2
47,000	M	3950 (2)	- 4.4
100,000	N5	4160 (2)	- 4.7
150,000	P	4220 (2)	- 4.7

NB 12 IEC SIZE : 08-05			
Rn at 25°C (Ω)	Material Code (1)	B (K) (ΔB/B (1) ± 5% (2) ± 3%)	α at 25°C (%/°C)
18			
22			
27			
33			
39	KC	3470 (1)	- 3.9
47			
56			
68			
82			
100			
120			
150			
180			
220			
270			
330			
390	MC	3910 (1)	- 4.4
470			
560			
680			
820			
1,000			
1,200			
1,500			
1,800			
2,200			
2,700			
3,300			
3,900	J	3480 (1)	- 3.9
4,700			
5,600			
6,800	K	3630 (1)	- 4.0
8,200			
10,000			
12,000	L	3790 (2)	- 4.2
15,000			
18,000			
22,000	M	3950 (2)	- 4.4
27,000			
33,000			
39,000	N	4080 (2)	- 4.6
47,000			
56,000			
68,000	N5	4160 (2)	-4.7
82,000			
100,000	P	4220 (2)	- 4.7
120,000			
150,000			
180,000			
220,000			

NB 20 IEC SIZE : 12-06			
Rn at 25°C (Ω)	Material Code (1)	B (K) (ΔB/B (1) ± 5% (2) ± 3%)	α at 25°C (%/°C)
4,700	J	3480 (1)	- 3.9
5,600			
6,800		3480 (2)	- 3.9
8,200			
10,000	K	3630 (1)	- 4.0
12,000			
15,000			
18,000	L	3790 (2)	- 4.2
22,000			
27,000			
33,000	M	3950 (2)	- 4.4
39,000			
47,000			
56,000			
68,000	N	4080 (2)	- 4.6
82,000			
100,000	N5	4160 (2)	-4.7
120,000			
150,000	P	4220 (2)	- 4.7
180,000			
220,000			
270,000			
330,000	Q	4300 (2)	- 4.7
390,000			
470,000			
560,000			
680,000			
820,000	R	4400 (2)	- 4.8
1,000,000			

*See catalog for material resistance temperature characteristics.

Additional information on this product is available from AVX's catalog or AVX's FAX Service. Call 1-800-879-1613 and request document #113. Visit our website <http://www.avxcorp.com>

