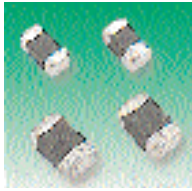


Thermistors

NTC, NTH5G Series – Surface Mount 0402 and 0603 Case Sizes



- Ultra compact and miniature NTC chip thermistors
- 0402 and 0603 case sizes
- High accuracy and high stability
- Suitable for most temperature compensation requirements

Operating temperature: -40°C to +125°C
Power rating @ 25°C: 100mW

0402 size: L = 1.0, W = 0.5, H = 0.5
0603 size: L = 1.6, W = 0.8, H = 0.8
Supplied on 8mm tape (reel = 4k pcs)

Resistance ±5% @ 25°C (Ω)	Beta Value 25°C to 50°C ±3%	Max. Continuous Current @ 25°C (mA)	Mfrs. List No.	Order Code
0402 Case Size				
1K	3650	1.0	NTH5G10P36B102J08TH	353-2392
10K	3380	0.31	NTH5G10P33B103J08TH	353-2409
100K	4250	0.1	NTH5G10P42B104J08TH	353-2410
0603 Case Size				
1K	3650	1.0	NTH5G16P36B102J07TH	353-2422
2.2K	3950	0.67	NTH5G16P39B222J07TH	353-2434
4.7K	3950	0.46	NTH5G16P39B472J07TH	353-2446
10K	3380	0.31	NTH5G16P33B103J07TH	353-2458
22K	3950	0.21	NTH5G16P39B223J07TH	353-2460
47K	4050	0.14	NTH5G16P40B473J07TH	353-2471
100K	4250	0.1	NTH5G16P42B104J07TH	353-2483
470K	4500	0.04	NTH5G16P45A474J07TH	353-2495

Order Multiple=5

Order Code	5+	50+	100+	500+	1000+
0402 Case Size	All Values				
0603 Case Size	All Values				

NTC



0805 size: H = 2.0, W = 1.25, D = 1.25, Terminations W = 0.5 ± 0.25
1206 size: H = 3.2, W = 1.6, D = 1.3, Terminations W = 0.5 ± 0.25

Surface mount NTC thermistors suitable for temperature compensation in hybrid circuits especially in data plus telecom systems and in automotive electronics. Supplied on tape and reel in EIA sizes 0805 and 1206, suitable for wave and reflow soldering.

Max. power @ 25°C 210mW (0805 size), 300mW (1206 size)
Terminations Silver palladium

Case Size	Resistance ±5% @ 25°C	Beta Value 25°C to 100°C, ±3%	Mfrs. List No.	Order Code
EIA0805	220Ω	3100	B57620C221J62	679-460
EIA0805	470Ω	3300	B57620C471J62	679-471
EIA0805	1KΩ	3450	B57620C102J62	679-483
EIA0805	10KΩ	3730	B57620C103J62	679-495
EIA0805	100KΩ	4100	B57620C104J62	679-501
EIA1206	470Ω	3250	B57621C471J62	679-513
EIA1206	1KΩ	3450	B57621C102J62	679-525
EIA1206	4.7KΩ	3520	B57621C472J62	679-537
EIA1206	10KΩ	3530	B57621C103J62	679-549
EIA1206	100KΩ	3950	B57621C104J62	679-550

Order Code	1+	100+	250+	500+	1K+
All Order Codes					

MiniReel™

NTC, B57620 and B57621 Series – Surface Mount



Tape width = 8mm

- 100mm reel size
- 250 pieces on each reel
- Ideal for pre-production, prototyping and production shortfalls
- Complete with leader tape
- Surface mount NTC thermistors
- Operating temperature -55°C to +155°C

Case Size	Resistance ±5% @ 25°C (Ω)	MiniReel List No.	Order Code
0805	1K	MR-B57620C102J62	345-2931
0805	10K	MR-B57620C103J62	345-2943
0805	100K	MR-B57620C104J62	345-2955
1206	10K	MR-B57621C103J62	345-2967
1206	100K	MR-B57621C104J62	345-2979
1206	2.2K	MR-B57621C222J62	345-2980
1206	22K	MR-B57621C223J62	345-2992
1206	4.7K	MR-B57621C472J62	345-3005

250 Pieces Per Reel

MiniReel List No.	Order Code	1+	3+	5+
MR-B57620C102J62	345-2931			
MR-B57620C103J62	345-2943			
MR-B57620C104J62	345-2955			
MR-B57621C103J62	345-2967			
MR-B57621C104J62	345-2979			
MR-B57621C222J62	345-2980			
MR-B57621C223J62	345-2992			
MR-B57621C472J62	345-3005			

NTC



Di. = 2.41 max., L = 5 max., Lead L = 45
Lead Dia. = 0.2 (non-insulated), 0.25 (insulated)

Miniature NTC thermistors for high precision temperature measurement in measuring and control engineering.

Max. power @ 25°C 60mW

Resistance @ 25°C	Beta Value 25°C to 100°C	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
3KΩ ±1%	3988 ±1%	B57867S302F40	679-380	B57861S302F40	679-422
5KΩ ±1%	3988 ±1%	B57867S502F40	679-392	B57861S502F40	679-434
10KΩ ±1%	3988 ±1%	B57867S103F40	679-409	B57861S103F40	679-446
30KΩ ±1%	3964 ±1%	B57867S303F40	679-410	B57861S303F40	679-458

Resistance @ 25°C	Leads	Order Code	1+	50+	100+	250+	500+
3KΩ	Non-insulated	679-380					
5KΩ	Non-insulated	679-392					
10KΩ	Non-insulated	679-409					
30KΩ	Non-insulated	679-410					
3KΩ	PTFE-insulated	679-422					
5KΩ	PTFE-insulated	679-434					
10KΩ	PTFE-insulated	679-446					
30KΩ	PTFE-insulated	679-458					

NTC



A range of disc NTC thermistors for limiting of in-rush currents in communications and industrial applications.

9.5mm Series:	Di. = 9.5 max.,	Lead L = 36,	Lead spacing = 5.0
11.5mm Series:	Di. = 11.5 max.,	Lead L = 36,	Lead spacing = 5.0
15.0mm Series:	Di. = 15 max.,	Lead L = 32,	Lead spacing = 7.5

Resistance ±20% @ 25°C	Max. Cont. Current @ 25°C	Beta Value 25°C to 100°C ±3%	Mfrs. List No.	Order Code
9.5mm Disc				
5Ω	4.2A	2800	B57235S509M	478-350
10Ω	3.0A	2900	B57235S100M	478-362
11.5mm Disc				
5Ω	4.5A	2800	B57236S509M	478-374
20Ω	3.3A	3300	B57236S200M	478-386
25Ω	3.0A	3300	B57236S250M	478-398
15mm Disc				
2.2Ω	7.0A	—	B57237S229M	984-425
2.5Ω	6.5A	—	B57237S259M	984-437
4.7Ω	5.1A	—	B57237S479M	984-449
5Ω	5.0A	—	B57237S509M	984-450
7Ω	4.2A	—	B57237S709M	984-462
10Ω	3.7A	—	B57237S100M	984-474
15Ω	3.0A	—	B57237S150M	984-486
22Ω	2.8A	—	B57237S220M	984-498
33Ω	2.5A	—	B57237S330M	984-504

Order Code	1+	50+	100+	250+	500+
9.5mm Disc All Order Codes					
11.5mm Disc All Order Codes					
15.0mm Disc All Order Codes					

continued