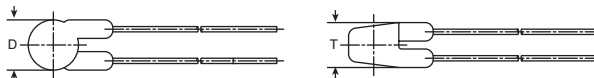


EPCOS NTC Thermistors



TEMPERATURE MEASUREMENT THRU-HOLE NTCS, LEAD SPACE 2.5MM

- Features:**
- Rugged design, epoxy resin encapsulation
 - Leads: copper-clad Fe wire, tinned
 - UL approval (E69802)



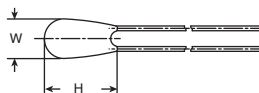
For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Epcos Part No.	R ₂₅ (Ω)	Max Power (mW)	B _{25/100} (K)	Resistance Tolerance	Dissipation Factor (mW/K)	Diameter (mm)	Thickness (mm)	Price Each			
									1	50	100	500
871-B57871S103F1	B57871S103F1	10000	60	3460	±1%	3.8	2.5	2.5	1.54	1.23	1.17	1.11
871-B57891M102J	B57891M102J	1000	200	3930	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M152J	B57891M152J	1500	200	3560	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M222J	B57891M222J	2200	200	3900	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M332J	B57891M332J	3300	200	3980	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M472J	B57891M472J	4700	200	3980	±5%	3.5	3.5	3.5	.69	.55	.49	.45
871-B57891M682J	B57891M682J	6800	200	3980	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M103J	B57891M103J	10000	200	3950	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M153J	B57891M153J	15000	200	4100	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M223J	B57891M223J	22000	200	4300	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M333J	B57891M333J	33000	200	4300	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M104J	B57891M104J	100000	200	4450	±5%	3.5	3.5	3.5	.70	.613	.481	.393
871-B57891M154J	B57891M154J	150000	200	4600	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M224J	B57891M224J	220000	200	4600	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M334J	B57891M334J	330000	200	4830	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891M474J	B57891M474J	470000	200	5000	±5%	3.5	3.5	3.5	.46	.366	.349	.332
871-B57891S502F8	B57891S502F8	5000	200	3980	±1%	4	4.5	4.5	1.14	.914	.87	.829
871-B57891S103F8	B57891S103F8	10000	200	3950	±1%	4	4.5	4.5	1.14	.914	.87	.829
871-B57891S104F8	B57891S104F8	100000	200	4450	±1%	4	4.5	4.5	1.14	.914	.87	.829

Thermal Protection Epcos

TEMPERATURE MEASUREMENT AND COMPENSATION THERMISTORS GLASS ENCAPSULATED SENSORS

- Features:**
- Glass-encapsulated, heat-resistive and highly stable
 - For temperature measurement up to 300°C
 - Fast response
 - Lead: dumet wires (copper-clad FeNi)



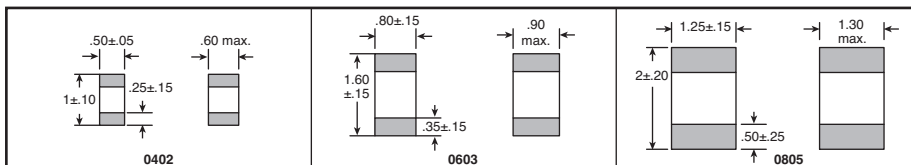
For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Epcos Part No.	R ₂₅ (Ω)	B _{25/50} (K)	B _{25/85} (K)	B _{25/100} (K)	Dissipation Factor (mW/K)	Height (mm)	Width (mm)	Price Each			
									1	50	100	500
871-B57540G502F	B57540G502F	5000	3480	3450	3497	0.4	1.4	0.8	2.68	2.14	2.04	1.94
871-B57540G103F	B57540G103F	10000	3480	3450	3497	0.4	1.4	0.8	2.68	2.14	2.04	1.94
871-B57540G303F	B57540G303F	30000	3992	3970	4006	0.4	1.4	0.8	2.68	2.14	2.04	1.94
871-B57540G503F	B57540G503F	50000	3992	3970	4006	0.4	1.4	0.8	4.10	3.58	2.81	2.49
871-B57540G104F	B57540G104F	100000	4066	4036	4085	0.4	1.4	0.8	3.50	3.23	2.92	2.63
871-B57550G502F	B57550G502F	5000	3480	3450	3497	0.75	2.2	1.3	2.35	1.88	1.79	1.70
871-B57550G103F	B57550G103F	10000	3480	3450	3497	0.75	2.2	1.3	2.49	1.99	1.90	1.80
871-B57550G303F	B57550G303F	30000	3992	3970	4006	0.75	2.2	1.3	2.35	1.88	1.79	1.70
871-B57550G503F	B57550G503F	50000	3992	3970	4006	0.75	2.2	1.3	2.35	1.88	1.79	1.70
871-B57550G104F	B57550G104F	100000	4066	4036	4085	0.75	2.2	1.3	2.35	1.88	1.79	1.70
871-B57560G502F	B57560G502F	5000	3480	3450	3497	1.3	4.1	2.3	2.41	1.93	1.84	1.75
871-B57560G103F	B57560G103F	10000	3480	3450	3497	1.3	4.1	2.3	2.41	1.93	1.84	1.75
871-B57560G104F	B57560G104F	100000	4066	4036	4085	1.3	4.1	2.3	2.74	2.49	2.26	2.07

TEMPERATURE MEASUREMENT SMDs WITH NICKEL BARRIER TERMINATION

- Features:**
- Multilayer SMD NTC with inner electrolytes
 - Excellent long-term ageing stability in high-temperature and high-humidity environment
 - Superior resistance stability during soldering (change <1%)

DIMENSIONS: mm



For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Epcos Part No.	R ₂₅ (Ω)	B _{25/50} (K)	B _{25/85} (K)	B _{25/100} (K)	Dissipation Factor (mW/K)	Price Each				Reel Quantity	Price per Piece
							1	25	100	1000		
0402 Case Size												
871-B57221V2103J60	B57221V2103J60	10000	3940	3980	4000	2.5	.23	.19	.14	.112	10000	.084
0603 Case Size												
871-B57311V2221J60	B57311V2221J60	220	3500	3540	3550	3	.31	.25	.184	.147	4000	.118
871-B57311V2221K60	B57311V2221K60	220	3500	3540	3550	3	.26	.18	.153	.122	4000	.098
871-B57321V2103J60	B57321V2103J60	10000	3940	3980	4000	3	.31	.25	.184	.147	4000	.118
0805 Case Size												
871-B57411V2221J62	B57411V2221J62	220	3500	3540	3550	3.5	.42	.35	.247	.197	3000	.158
871-B57411V2331J62	B57411V2331J62	330	3500	3540	3550	3.5	.42	.35	.247	.197	3000	.158
871-B57421V2103J62	B57421V2103J62	10000	3940	3980	4000	3.5	.42	.35	.247	.197	4000	.158

TEMPERATURE MEASUREMENT PROBE ASSEMBLIES

- Features:**
- Air sensor for air conditioning (not for use in evaporator)
 - Thermistor with epoxy resin encapsulation
 - PVC-insulated wires (black) with tinned ends, AWG 26, T_{max}=105°C

DIMENSIONS: mm



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Epcos Part No.	R ₂₅ (Ω)	Max Power (mW)	B _{25/100} (K)	Resistance Tolerance	Dissipation Factor (mW/K)	Price Each			
							1	25	100	200
M500										
871-B57500M103A5	B57500M103A5	10000	60	3988	±3%	3	3.08	2.05	1.86	1.69
M703										
871-B57703M502G40	B57703M502G40	5000	150	3988	±2%	3	2.68	2.14	2.04	1.94
871-B57703M103G40	B57703M103G40	10000	150	3988	±2%	3	3.06	2.04	1.87	1.79

