

Thermistors

Honeywell HONEYWELL NTC THERMISTORS

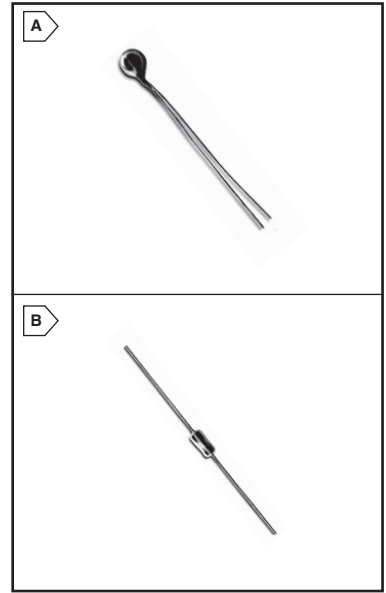
Sensing and Control

Features:

- Resistance temperature curve interchangeability
- Accuracy
- High stability
- Long life
- Cost effective
- Small size
- Epoxy coated

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Fig.	R25 (Ω)	Tolerance	Diameter (mm)	Lead Length (mm)	Price Each		
							1	10	50
785-192-102DEW-A01	192-102DEW-A01	A	1K	±1.0°C (1.8°F)	2.413	38.1	2.49	2.27	2.17
785-192-103LET-A01	192-103LET-A01	A	10K	±0.2°C (0.36°F)	2.413	38.1	2.66	2.49	2.31
785-192-103LEW-A01	192-103LEW-A01	A	10K	±1.0°C (1.8°F)	2.413	38.1	2.75	2.59	2.39
785-192-104QET-A01	192-104QET-A01	A	100K	±0.2°C (0.36°F)	2.413	38.1	2.81	2.51	2.11
785-192-222LET-A01	192-222LET-A01	A	2.252	±0.2°C (0.36°F)	2.413	38.1	2.36	2.19	2.06
785-192-302LET-A01	192-302LET-A01	A	3K	±0.2°C (0.36°F)	2.413	38.1	2.18	2.09	1.90
785-192-303KET-A01	192-303KET-A01	A	30K	±1.0°C (1.8°F)	2.413	38.1	2.81	2.51	2.11
785-192-502LET-A01	192-502LET-A01	A	5K	±0.2°C (0.36°F)	2.413	38.1	2.28	2.21	2.11
785-192-503QET-A01	192-503QET-A01	A	50K	±0.2°C (0.36°F)	2.413	38.1	3.55	2.42	2.04



Thermal Protection

Honeywell HONEYWELL GLASS ENCAPSULATED CHIP THERMISTORS

Sensing and Control

Features:

- Cost effective
- Rugged DO-35 glass encapsulation
- High temperature capability
- Available on tape and reel

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Fig.	Resistance (Ω)	Tolerance	Diameter (mm)	Lead Length (mm)	Price Each		
							1	10	50
785-135-103FAG-J01	135-103FAG-J01	B	10K	±10.0%	2	28.6	.60	.54	.50
785-135-103LAF-J01	135-103LAF-J01	B	10K	±5.0%	2	28.6	1.55	1.42	1.37
785-135-103LAG-J01	135-103LAG-J01	B	10K	±10.0%	2	28.6	.99	.93	.85
785-135-104LAG-J01	135-104LAG-J01	B	100K	±10.0%	2	28.6	.61	.58	.52
785-135-105QAG-J01	135-105QAG-J01	B	1M	±10.0%	2	28.6	.98	.91	.85
785-135-204QAG-J01	135-204QAG-J01	B	200K	±10.0%	2	28.6	.70	.64	.59
785-135-503LAF-J01	135-503LAF-J01	B	50K	±5.0%	2	28.6	.99	.93	.85
785-135-503LAG-J01	135-503LAG-J01	B	50K	±10.0%	2	28.6	.67	.63	.57
785-135-503LFW-J01	135-503LFW-J01	B	50K	±1.0%	2	28.6	6.80	6.30	5.65
785-135-504QAG-J01	135-504QAG-J01	B	5M	±10.0%	2	28.6	.69	.61	.58

VISHAY / DALE NTC THERMISTORS

Sensing and Control

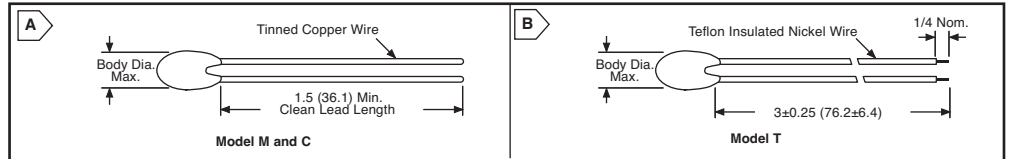
M, C, T Series NTC Coated Thermistors

Models M, C, and T are conformally coated, leaded thermistors for standard PC board mounting or assembly probes. The coating is baked-on phenolic for durability and long-term stability. Models M and C have tinned solid copper leads.

Features :

- Small size
- Wide resistance range
- Model T has solid nickel wires with Teflon® insulation to provide isolation when assembled in metal probes or housings.

DIMENSIONS: in. (mm)



For quantities of 1,000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Resistance (Ω)	Tolerance ± @ 25°C	Curve Number	Lead Type	Wire Size	Price Each			
								1	10	100	500
71-01C1001JP	01C1001JP	A	1K	5%	1	C	AWG 28	1.68	1.47	1.05	.84
71-01C2001JP	01C2001JP	A	2K	5%	1	C	AWG 28	1.68	1.47	1.05	.84
71-01C3001FP	01C3001FP	A	3K	1%	1	C	AWG 28	1.84	1.61	1.15	.92
71-01C3001JP	01C3001JP	A	3K	5%	1	C	AWG 28	1.68	1.47	1.05	.84
71-01C5001JP	01C5001JP	A	5K	5%	1	C	AWG 28	1.68	1.47	1.05	.84
71-01C1002FP	01C1002FP	A	10K	1%	1	C	AWG 28	1.84	1.61	1.15	.92
71-01C1002JP	01C1002JP	A	10K	5%	1	C	AWG 28	1.68	1.47	1.05	.84
71-08C1002JP	08C1002JP	A	10K	5%	8	C	AWG 28	1.68	1.47	1.05	.84
71-07C3002JP	07C3002JP	A	30K	5%	7	C	AWG 28	1.68	1.47	1.05	.84
71-07C5002JP	07C5002JP	A	50K	5%	7	C	AWG 28	1.68	1.47	1.05	.84
71-07C1003FP	07C1003FP	A	100K	1%	7	C	AWG 28	1.84	1.61	1.15	.92
71-01M5001JP	01M5001JP	A	5K	5%	1	M	AWG 30	1.68	1.47	1.05	.84
71-09M1002FP	09M1002FP	A	10K	1%	9	M	AWG 30	1.38	1.11	.89	.82
71-01M1002FP	01M1002FP	A	10K	1%	1	M	AWG 30	1.84	1.61	1.15	.92
71-08M3002JP	08M3002JP	A	30K	5%	8	M	AWG 30	1.68	1.47	1.05	.84
71-08M5002JP	08M5002JP	A	50K	5%	8	M	AWG 30	1.68	1.47	1.05	.84
71-07M1003JP	07M1003JP	A	100K	5%	7	M	AWG 30	1.68	1.47	1.05	.84
71-08M1003JP	08M1003JP	A	100K	5%	8	M	AWG 30	1.68	1.47	1.05	.84
71-01T1001FP	01T1001FP	B	1K	1%	1	T	AWG 30	3.20	2.80	2.00	1.60
71-01T1002FP	01T1002FP	B	10K	1%	1	T	AWG 30	3.20	2.80	2.00	1.60
71-01T5001JP	01T5001JP	B	5K	5%	1	T	AWG 30	2.92	2.56	1.83	1.46
71-01T1002JP	01T1002JP	B	10K	5%	1	T	AWG 30	1.83	1.47	1.18	1.08
71-04T1003FP	04T1003FP	B	100K	1%	4	T	AWG 30	3.20	2.80	2.00	1.60

VISHAY / DALE NTHS SERIES NTC SURFACE MOUNT CHIP THERMISTORS

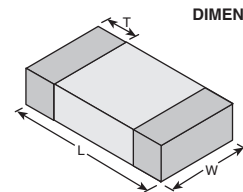
Sensing and Control

Features :

- Solderable terminations
- Wraparound terminations
- Allows design flexibility for use with hybrid circuitry
- High density monolithic construction
- Standard EIA E6 values
- Fully glass coated

For quantities of 1,000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Resistance (Ω)	Tolerance ± @ 25°C	Curve Number	Price Each			
					1	10	100	500
71-NTHS0402N2N1002JE	NTHS0402N02N1002JE	10K	5%	2	1.25	1.00	.75	.63
71-NTHS0603N3N2001JE	NTHS0603N03N2001JE	2K	5%	3	.86	.69	.56	.51
71-NTHS0603N2N1002JE	NTHS0603N02N1002JE	10K	5%	2	1.25	1.00	.75	.63
71-NTHS0603N1N1003JE	NTHS0603N01N1003JE	100K	5%	1	1.25	1.00	.75	.63
71-NTHS0805N2N1002JE	NTHS0805N02N1002JE	10K	5%	2	1.25	1.00	.75	.63
71-NTHS1012N1N1002JE	NTHS1012N01N1002JE	10K	5%	1	1.56	1.37	.98	.78
71-NTHS1012N4N1003JE	NTHS1012N04N1003JE	100K	5%	4	1.56	1.37	.98	.78
71-NTHS1205N1N1003JE	NTHS1205N01N1003JE	100K	5%	1	1.36	1.19	.85	.68
71-NTHS1206N3N1001JE	NTHS1206N03N1001JE	1K	5%	3	1.36	1.19	.85	.68
71-NTHS1206N2N5001JE	NTHS1206N02N5001JE	5K	5%	2	1.36	1.19	.85	.68
71-NTHS1206N1N1002JE	NTHS1206N01N1002JE	10K	5%	1	1.36	1.19	.85	.68
71-NTHS1206N2N1002JE	NTHS1206N02N1002JE	10K	5%	2	1.36	1.19	.85	.68
71-NTHS1206N1N4702JE	NTHS1206N01N4702JE	47K	5%	1	1.36	1.19	.85	.68
71-NTHS1206N1N5002JE	NTHS1206N01N5002JE	50K	5%	1	1.36	1.19	.85	.68
71-NTHS1206N1N1003KE	NTHS1206N01N1003KE	100K	10%	1	1.28	1.12	.80	.64



DIMENSIONS: in. (mm)

Part Number	L	W	T
NTHS-0402	0.040 ± 0.004 (1.016 ± 0.102)	0.22 ± 0.006 (0.508 ± 0.051)	0.010 ± 0.004 (0.25 ± 0.102)
NTHS-0603	0.063 ± 0.008 (1.6 ± 0.20)	0.031 ± 0.008 (0.80 ± 0.20)	0.010 ± 0.006 (0.25 ± 0.15)
NTHS-0805	0.079 ± 0.008 (2.00 ± 0.20)	0.049 ± 0.008 (1.25 ± 0.20)	0.012 ± 0.006 (0.30 ± 0.15)
NTHS-1206	0.126 ± 0.008 (3.20 ± 0.20)	0.063 ± 0.008 (1.60 ± 0.20)	0.018 ± 0.008 (0.46 ± 0.20)
NTHS-1012	0.098 ± 0.008 (2.50 ± 0.20)	0.126 ± 0.008 (3.20 ± 0.20)	0.018 ± 0.008 (0.46 ± 0.20)