



U.S. SENSOR
Thermistors, RTDs, Probes & Assemblies

1-800-777-6467

"MELF" Style Surface Mount NTC Thermistors LL-34 MiniMELF

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U.S. Sensor's NTC LL-34 "MELF" style glass encapsulated surface mount thermistors are manufactured using super stable NTC chips which are hermetically sealed in a glass package. The result is an extremely reliable surface mount package which is capable of withstanding the most severe environmental conditions. Tape and reeling for use with automatic insertion equipment is available.

Features

- Surface mountable
- Low cost
- Hermetically sealed glass package
- High stability

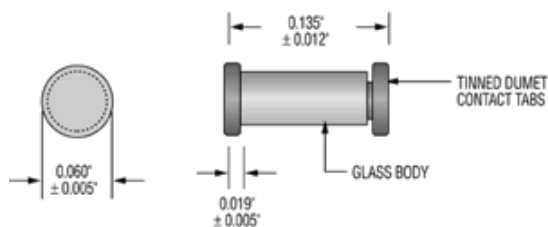
Options

- Non-standard resistance values and tolerances
- Point matched at specified temperatures
- Tape and reel packaging

Specifications

- Thermal time constant: 8 seconds max
- Dissipation constant: 2 mW/°C
- Maximum operating temperature: 220°C

"LL-34" SERIES



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SURFACE MOUNT NTC LL-34 MINIMELF STYLE (220°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	R-T Curve	Beta (K) 0-50°C	View R-T Chart
SM103J1K	10000	10	J	3890	View Chart
SM153J1K	15000	10	J	3890	View Chart
SM203J1K	20000	10	J	3890	View Chart
SM253J1K	25000	10	J	3890	View Chart
SM303J1K	30000	10	J	3890	View Chart
SM403J1K	40000	10	J	3890	View Chart
SM503J1K	50000	10	J	3890	View Chart
SM104J1K	100000	10	J	3890	View Chart
SM104R1K	100000	10	R	4140	View Chart
SM254R1K	250000	10	R	4140	View Chart
SM105R1K	1000000	10	R	4140	View Chart

SURFACE MOUNT NTC LL-34 MINIMELF INTERCHANGEABLE (220°C) ± 0.5 Accuracy

Part Number (±0.5°C 0-50°C)	Resistance Ohms @25°C	R-T Curve	Beta (K) 0-50°C	View R-T Chart
HM103J1A	10000	J	3890	View Chart
HM153J1A	15000	J	3890	View Chart
HM203J1A	20000	J	3890	View Chart

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HM503J1A	50000	J	3890	
HM104J1A	100000	J	3890	

SURFACE MOUNT NTC LL-34 MINIMELF INTERCHANGEABLE (220°C)
± 1.0 Accuracy

Part Number (±1.0°C 0-100°C)	Resistance Ohms @25°C	R-T Curve	Beta (K) 0-50°C	View R-T Chart
WM103J1A	10000	J	3890	
WM153J1A	15000	J	3890	
WM203J1A	20000	J	3890	
WM503J1A	50000	J	3890	
WM104J1A	100000	J	3890	

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