



**"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

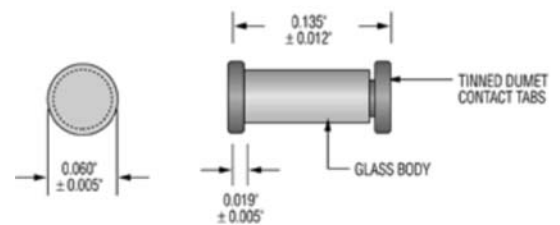
**Options**

- 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**








[View Photo](#)






**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	<a href="#">View R-T Chart</a>
SM501B1K	500	10	B	2941	<a href="#">View R-T Chart</a>
SM102B1K	1000	10	B	2941	<a href="#">View R-T Chart</a>
SM502F1K	5000	10	F	3419	<a href="#">View R-T Chart</a>
SM103F5K	10000	10	F	3419	<a href="#">View R-T Chart</a>
SM103G1K	10000	10	G	3575	<a href="#">View R-T Chart</a>
SM103J1K	10000	10	J	3890	<a href="#">View R-T Chart</a>
SM153J1K	15000	10	J	3890	<a href="#">View R-T Chart</a>
SM203J1K	20000	10	J	3890	<a href="#">View R-T Chart</a>
SM253J1K	25000	10	J	3890	<a href="#">View R-T Chart</a>
SM303J1K	30000	10	J	3890	<a href="#">View R-T Chart</a>
SM403J1K	40000	10	J	3890	<a href="#">View R-T Chart</a>
SM503J1K	50000	10	J	3890	<a href="#">View R-T Chart</a>
SM104J1K	100000	10	J	3890	<a href="#">View R-T Chart</a>
SM104R1K	100000	10	R	4140	<a href="#">View R-T Chart</a>
SM254R1K	250000	10	R	4140	<a href="#">View R-T Chart</a>
SM105R1K	1000000	10	R	4140	<a href="#">View R-T Chart</a>

**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	
HM153J1A	15000	J	3890	
HM203J1A	20000	J	3890	
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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