



"MELF" Style Surface Mount NTC Thermistors

LL-31 MicroMELF and LL-41 MELF

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Markets and Applications

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U.S. Sensor's NTC LL-31 and LL-41 "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

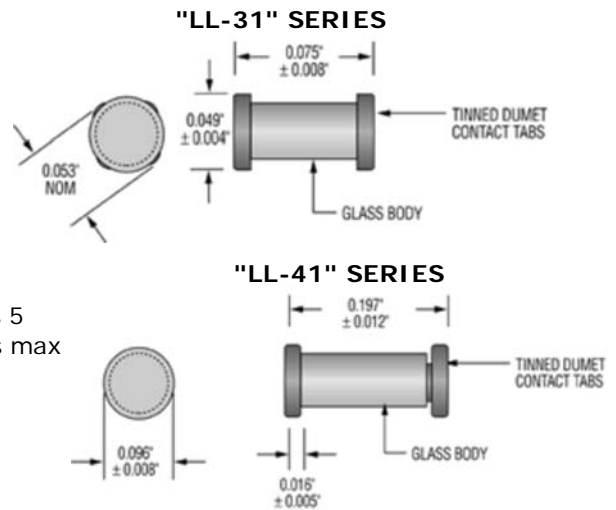
- Surface mountable
- High stability
- Hermetically sealed glass package
- Rated to 220°C operating temperature
- Low cost

Options

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

Specifications

- Thermal time constant: LL-31 Series 5 seconds max, LL-41 series 8 seconds max
- Dissipation constant: LL-31 series 1 mW/°C, LL-41 series 3 mW/°C



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SURFACE MOUNT NTC LL-31 MICROMELF STYLE (220°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	R-T Curve	Beta (K) 0-50°C	View R-T Chart
MM302F1K	3000	10	F	3420	View Chart
MM502F1K	5000	10	F	3420	View Chart
MM103J1K	10000	10	J	3890	View Chart
MM153J1K	15000	10	J	3890	View Chart
MM203J1K	20000	10	J	3890	View Chart
MM104J1K	100000	10	J	3892	View Chart
MM104R1K	100000	10	R	4140	View Chart

SURFACE MOUNT NTC LL-41 MELF STYLE (220°C)

Part Number	Resistance Ohms @25°C	* Resistance Tol. ± %	R-T Curve	Beta (K) 0-50°C	View R-T Chart
SB272J1K	2700	10	J	3892	View Chart

SB302J1K	3000	10	J	3890
SB502J1K	5000	10	J	3890



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