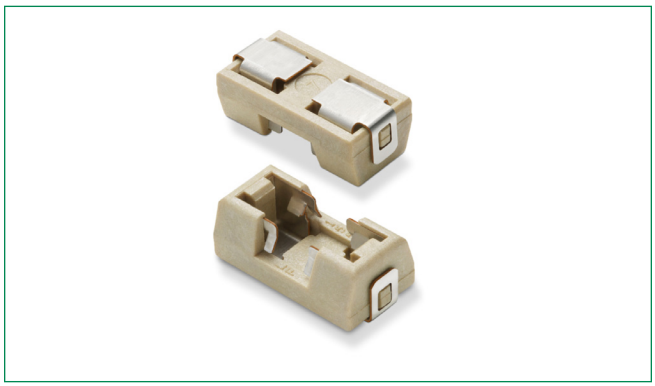
Littelfuse
Expertise Applied | Answers Delivered

Surface Mount Fuse Block

NANO2® > 155 OMNI-BLOK®

155900 Series OMNI-BLOK® Fuseblock

RoHS HF c UL us



Description

The RoHS compliant 155 Series OMNI-BLOK® offers a solution for efficient installation and easy replacement of miniature Nano²® surface mount fuses. Offered bulk but also in a tape and reel package, this block can be installed on a PC board as an efficient single step. Fuse replacement can be accomplished without exposing the PC board to the detrimental effects of solder heat.

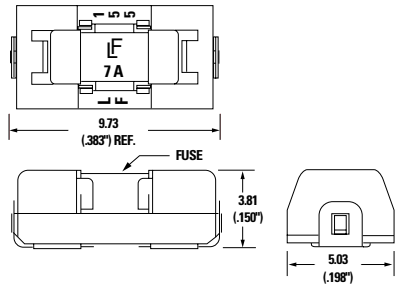
Features

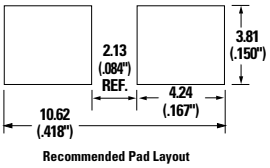
- Easy fuse replacement
- Miniature size
- RoHS-compliant and Halogen-free
- Very Fast-Acting and Time-Lag options available
- Holder sized to fit a range of Nano²® type fuses
- Suitable for applications up to 125 V and 10 A
- Wide operating temperature range
- Heat-resistant fuseholder, UL94 V-0
- 260 °C reflow capable fuseholder
- Recognized to UL/CSA/NMX 4248-1

Agency Approvals

Agency	Agency File Number	Ampere Range
c UL us	E14721	10 A

Dimensions in mm (inch)





Recommended Pad Layout

Additional Information

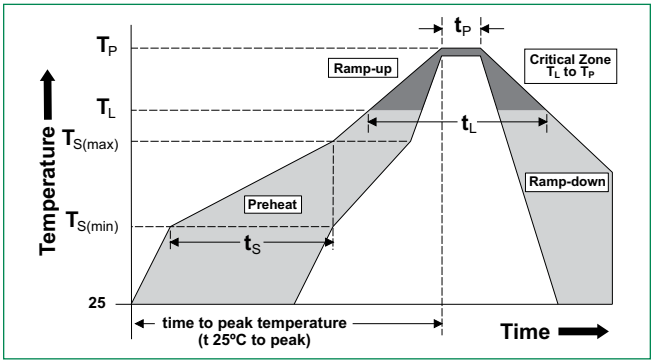
Datasheet | Resources | Samples

Packaging

Part Number	Packaging Specification	Quantity	Packaging Option
01550900DR	EIA-481, IEC 60286-3	1500	Tape and Reel
01550900M	EIA-481, IEC 60286-3	1000	Bulk

Soldering Parameters

Reflow Condition		Pb-free assembly
Pre Heat	- Temperature Min ($T_{s(min)}$)	150 °C
	- Temperature Max ($T_{s(max)}$)	200 °C
	- Time (Min to Max) (t_s)	60–180 seconds
Average Ramp-up Rate (Liquidus Temp (T_L) to peak)		5 °C/second max.
$T_{S(max)}$ to T_L - Ramp-up Rate		5 °C/second max.
Reflow	- Temperature (T_L) (Liquidus)	217 °C
	- Temperature (t_L)	60–150 seconds
Peak Temperature (T_P)		$260^{+0/-5}$ °C
Time within 5 °C of actual peak Temperature (t_p)		20–40 seconds
Ramp-down Rate		5 °C/second max.
Time 25 °C to peak Temperature (T_P)		8 minutes max.
Do not exceed		260 °C



Product Characteristics

Operating Temperature	-55 °C to 125 °C

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