

THIN-FILM SURFACE MOUNT

1206 Slo-Blo® Thin-Film Fuse 430 Series



- Time delay feature withstands high in-rush currents and prevents nuisance openings.
- Package is visually distinct from fast-acting version for easy identification.
- Top side marking allows visual verification of amperage rating.

ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time @ 25°C
100%	4 hours, Minimum
200%	1 sec., Min. ; 120 sec., Max.
300%	0.1 sec., Min. ; 3 sec., Max.
800%	0.002 sec., Min. ; .05 sec., Max.

AGENCY APPROVALS: Recognized under the Components Program of Underwriters Laboratories and Certified by CSA.

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862.

INTERRUPTING RATINGS:

0.5A - 1.5A	50 amperes at 63 VAC/VDC
2A	35 amperes at 63 VAC/VDC
3A	50 amperes at 32 VAC/VDC

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature: -55°C to 90°C. Consult temperature derating chart on page 4. For operation above 90°C contact Littelfuse.

Vibration:

Withstands 10-55 Hz per MIL-STD-202F, Method 201A and 10-2000 Hz at 20 G's per MIL-STD-202F, Method 204D, Condition D.

Insulation Resistance (after opening):

Greater than 10kΩ.

Resistance to Soldering Heat:

Withstands 60 seconds above 200°C up to 260°C, maximum.

Thermal Shock:

Withstands 5 cycles of -50°C to +125°C.

PHYSICAL SPECIFICATIONS:

Materials: Body: Epoxy Substrate
Terminations: Copper/Nickel/Tin-Lead (95/5)
Cover Coat: Conformal Coating

Soldering Parameters:

Reflow Solder: 260°C, 30 seconds maximum

PACKAGING SPECIFICATIONS: 8mm Tape and Reel per EIA-RS481-1 (IEC 286, part 3); 3,000 per reel, add packaging suffix, WR.

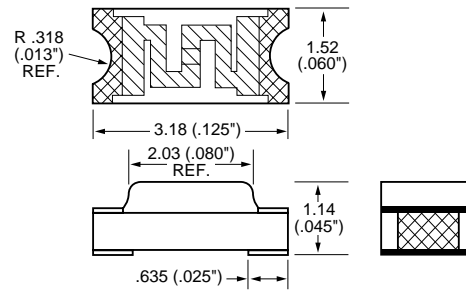
PATENTED

ORDERING INFORMATION:

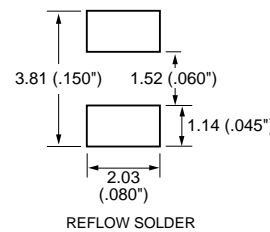
Catalog Number	Amperage Rating (A)	Marking Code	Voltage Rating (V)	Nom. Cold Resistance (Ω) ¹	Nominal Melting I ² t (A ² sec) ²
0430.500	0.5	TF	63	.250	0.0305
0430.001.	1.0	TH	63	.097	0.144
0430.01.5	1.5	TK	63	.056	0.298
0430.002.	2.0	TN	63	.039	0.494
0430.003.	3.0	TP	32	.020	1.33

¹Measured at 10% of rated current, 25°C.

²Measured at rated voltage.



RECOMMENDED MOUNTING PAD DIMENSIONS:



Average Time Current Curves

