

THIN-FILM SURFACE MOUNT

1206 SMF 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 Range:

-55°C to +125°C

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:

Wave Solder: 260°C, 10 seconds maximum

Reflow Solder: 260°C, 30 seconds maximum

PACKAGING SPECIFICATIONS: 8mm Tape and Reel per EIA-RS481-2 (IEC 286, part 3); 3,000 per reel, add packaging suffix, WR.

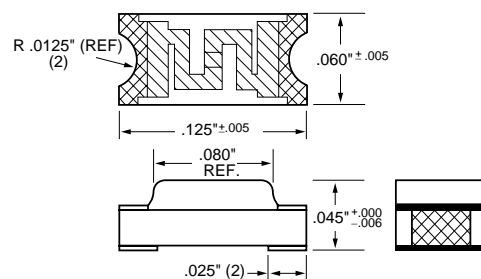
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ORDERING INFORMATION:

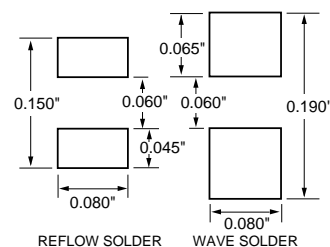
Catalog Number	Ampere Rating (A)	Marking Code	Voltage Rating (V)	Nom. Cold Resistance (Ω) ¹	Nominal Voltage Drop (V) ²	Nominal Melting I ² t (A ² sec)
0430.500	0.5	TF	63	.250	.126	0.045
0430.001	1.0	TH	63	.097	.094	0.239
0430.015	1.5	TK	63	.056	.085	0.607
0430.002	2.0	TN	63	.039	.078	1.025
0430.003	3.0	TP	32	.020	.073	1.65

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

²Measured at 100% of rated current, 25°C.



RECOMMENDED MOUNTING PAD DIMENSIONS - INCHES:



Average Time Current Curves

