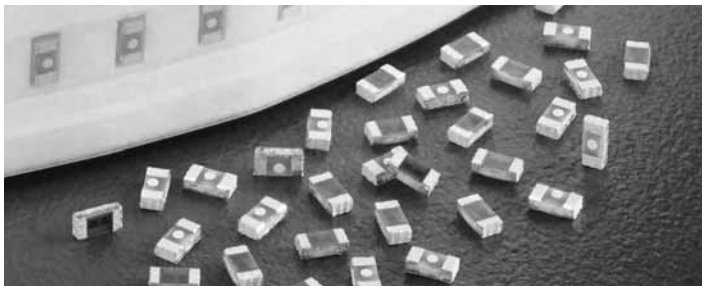
SlimLine™ Lead-Free 0402 Very Fast-Acting Fuse 435 Series

- RoHS compliant and Lead-Free
- The SlimLine 0402 fuse is the world's smallest fuse available.
- Ideal for space sensitive applications including disc drives and handheld devices including mobile phones, cameras and personal communication devices.
- The low profile flat surface and full-faced termination are designed for superior performance in surface mount assembly processes.



ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time at 25°C
100%	4 hours, **Min**imum
200%	5 seconds, **Max**imum
300%	0.2 seconds, **Max**imum

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

AGENCY FILE NUMBERS: UL E10480, CSA LR 29862.

INTERRUPTING RATINGS: 35A @ 32 VDC

ENVIRONMENTAL SPECIFICATIONS:

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

Vibration: Per MIL-STD-202F.

Insulation Resistance (After Opening): Greater than 10,000 ohms.

Resistance To Soldering Heat: Withstands 60 seconds above 200°C up to 260°C, maximum.

Thermal Shock: Withstands 5 cycles of –55°C to 125°C.

PHYSICAL SPECIFICATIONS:

Materials: Body: Epoxy Substrate
Terminations: 100% Copper/Nickel/Tin
Cover Coat: Conformal Coating

Soldering Parameters(see page 3 for typical soldering profile):
Reflow Solder— 260°C, 30 seconds maximum

PACKAGING SPECIFICATIONS: 8mm Paper Tape and Reel per EIA-RS481-1 (IEC 286, part 3); 10,000 per reel, add packaging suffix, KR.

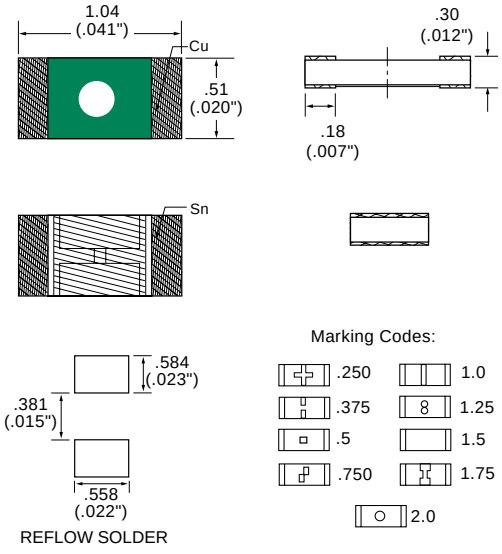
PATENTED

ORDERING INFORMATION:

Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohm[1]	Nominal Melting I^2t (A^2 Sec.)
0435.250	.25	32	0.220	0.0025
0435.375	.375	32	0.185	0.0035
0435.500	.5	32	0.150	0.0053
0435.750	.75	32	0.105	0.012
0435 001.	1	32	0.072	0.020
0435 1.25	1.25	32	0.060	0.035
0435 01.5	1.5	32	0.047	0.056
0435 1.75	1.75	32	0.038	0.075
0435 002.	2	32	0.030	0.100

[1]Measured at 10% of rated current, 25°C.
[2]Measured at rated voltage.

Reference Dimensions:



Average Time Current Curves