

# Surface Mount Fuses

## Subminiature Surface Mount & Dip Types

### FLAT-PAK® Slo-Blo® Fuse 203 Series



Fast-Acting and Slo-Blo® Fuse versions of the Flat-Pak Fuse designs are available. Both designs are available in either a gull-wing surface mount package or a DIP configuration for through-hole mounting. These fuse designs feature a 250 VAC rating in a low profile, rectangular package.

#### ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	4 hours, <b>Minimum</b>
200%	1 second, <b>Minimum</b>
	30 seconds, <b>Maximum</b>

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

**AGENCY FILE NUMBERS:** UL E10480, CSA LR 29862.

#### INTERRUPTING RATING:

50 amperes at 250 VAC.

#### ENVIRONMENTAL SPECIFICATION:

**Operating Temperature:** -55°C to 125°C.

#### PHYSICAL SPECIFICATIONS:

**Materials:** Body: Thermoplastic

Terminations: Tin/Lead Plated Copper

#### Soldering Parameters:

Wave Solder — 260°C, 3 seconds maximum.

Reflow Solder — 215°C, 30 seconds maximum.

**Solderability:** MIL-STD-202, Method 208.

**Cleaning:** Board washable in most common solvents.

#### PACKAGING SPECIFICATIONS:

SMF Fuses — 24mm Tape and Reel per EIA-RS481-2 (IEC 286, part 3); 500 per reel.

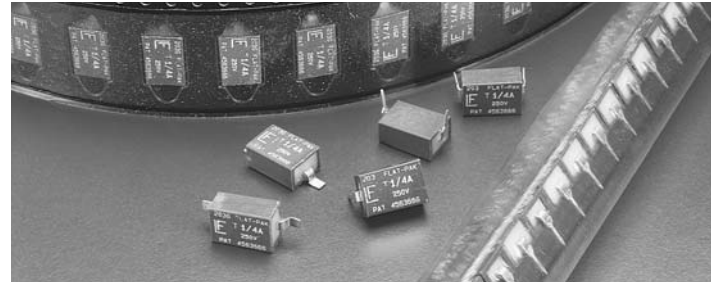
DIP Fuses — Antistatic magazine, 100 per magazine.

#### PATENTED

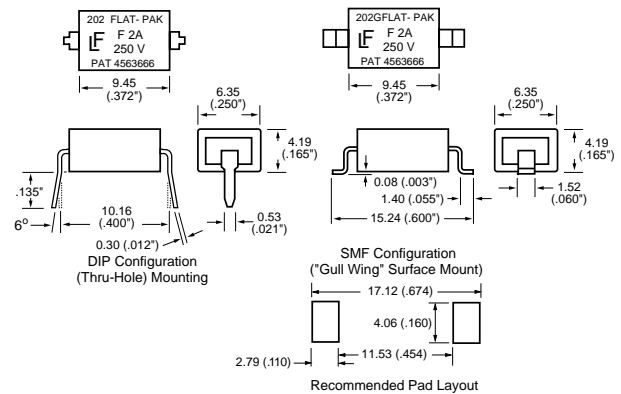
#### ORDERING INFORMATION

Catalog Number	Catalog <sup>1</sup> Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec.
203.250	203.250G	1/4	250	1.36	0.0126
203.500	203.500G	1/2	250	0.433	0.112
203.750	203.750G	3/4	250	0.158	0.327
203 001	203 001G	1	250	0.0755	0.328
203 01.5	203 01.5G	1½	250	0.0390	0.850
203 002	203 002G	2	250	0.0345	1.70
203 02.5	203 02.5G	2½	250	0.0237	2.87
203 003	203 003G	3	250	0.0197	4.40
203 004	203 004G	4	250	0.0148	8.75
203 005	203 005G	5	250	0.0124	14.7

<sup>1</sup>SMF fuse marking includes the letter "G" next to the series number indicating "Gull-Wing".



#### Reference Dimensions:



#### Average Time Current Curves

