

# Surface Mount Fuses

Subminiature Surface Mount & Dip Types

## FLAT-PAK® Fast Acting Fuse 202 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%	2 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.

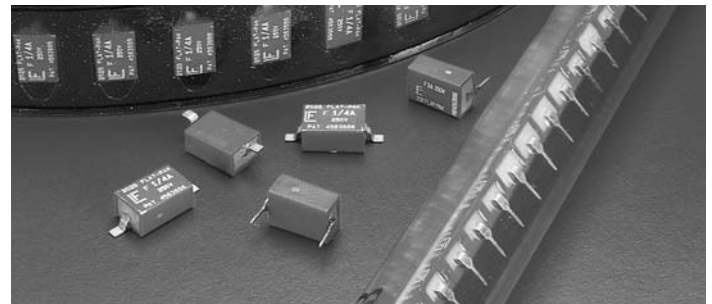
DIP Fuses — Antistatic magazine, 100 per magazine.

### PATENTED

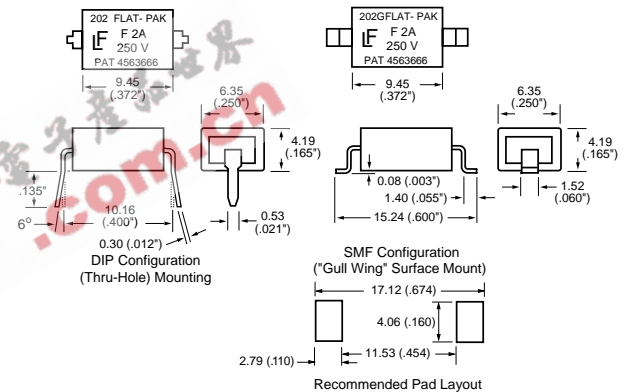
### ORDERING INFORMATION

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.
202.062	202.062G	1/16	250	7.90	0.000220
202.125	202.125G	1/8	250	2.45	0.00180
202.250	202.250G	1/4	250	0.880	0.0147
202.500	202.500G	1/2	250	0.298	0.0363
202.750	202.750G	3/4	250	0.166	0.0980
202.001	202.001G	1	250	0.119	0.192
202.01.5	202.01.5G	1½	250	0.0701	0.540
202.002	202.002G	2	250	0.0469	1.07
202.02.5	202.02.5G	2½	250	0.0455	1.76
202.003	202.003G	3	250	0.0327	1.71
202.004	202.004G	4	250	0.0244	3.00
202.005	202.005G	5	250	0.0174	4.68

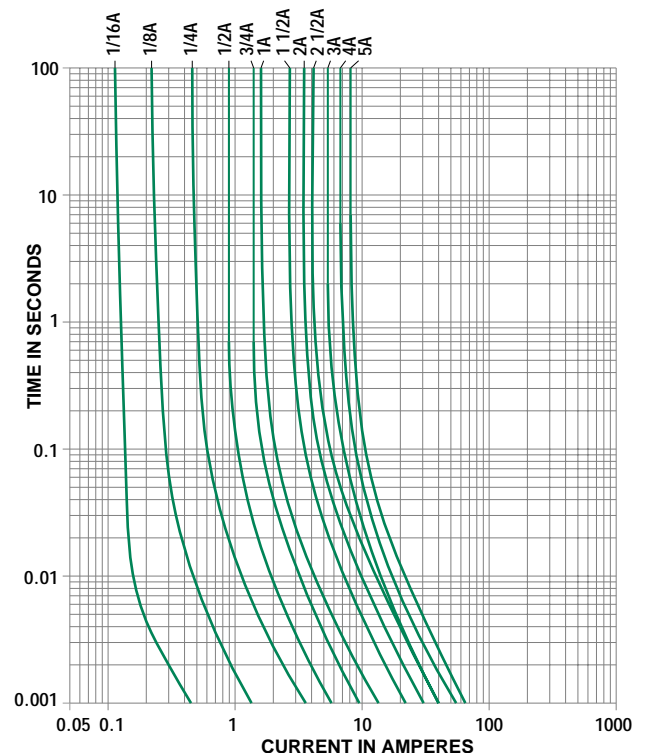
<sup>1</sup> SMF fuse marking includes the letter "G" next to the series number indicating "Gull-Wing".



### Reference Dimensions:



### Average Time Current Curves



10  
SURFACE MOUNT FUSES