

**Surface mount transient voltage suppressor power 400 watts**

**Stand-Off Voltage : 5V~220V**

#### FEATURES

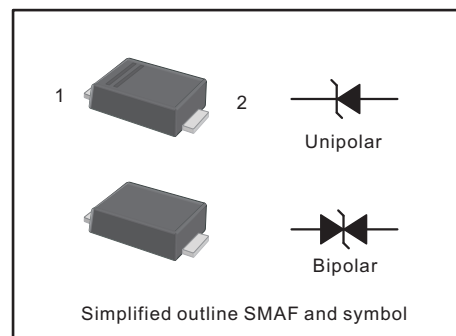
- For surface mounted applications in order to optimize board space.
- Low profile package
- Glass passivated junction
- Low inductance
- Plastic package has Underwriters Laboratory Flammability

#### MECHANICAL DATA

- Case: SMAF
- Terminals: Solderable per MIL-STD-750, Method 2026
- Approx. Weight: 27mg 0.00095oz

#### PINNING

| PIN | DESCRIPTION |
|-----|-------------|
| 1   | Cathode     |
| 2   | Anode       |



#### Maximum Ratings and Electrical characteristics

**Ratings at 25 °C ambient temperature unless otherwise specified.**

| Parameter                                                                   | Symbol                   | Value                | Unit                 |
|-----------------------------------------------------------------------------|--------------------------|----------------------|----------------------|
| Peak Pulse Power Dissipation on $T_A=25^{\circ}\text{C}$ (Note 1,2,4, Fig1) | $P_{PPM}$                | 400                  | W                    |
| Peak Forward Surge Current (Note 3, Fig 4)                                  | $I_{FSM}$<br>(UNI)       | 40                   | A                    |
| Peak Pulse Current on 10/1000 us waveform (Note 1, Fig 3)                   | $I_{PPM}$                | see Table 1          | A                    |
| ESD Voltage per IEC6100-4-2<br>Contact<br>Air                               | $V_{ESD1}$<br>$V_{ESD2}$ | $\pm 30$<br>$\pm 30$ | kV                   |
| Typical Thermal Resistance Junction to Ambient(Note 2)                      | $R_{\theta JA}$          | 70                   | $^{\circ}\text{C/W}$ |
| Operating Junction Temperature and Storage Temperature Range                | $T_j, T_{stg}$           | -55 ~ +150           | $^{\circ}\text{C}$   |

#### NOTES:

1. Non-repetitive current pulse, per Fig.3 and derated above  $T_A = 25^{\circ}\text{C}$  per Fig. 2.
2. Mounted on 5mm<sup>2</sup> copper pads to each terminal.
3. Peak Forward Surge Current : 8.3ms single half sine-wave Superimposed on rated load (JEDEC method).
4. Peak pulse power waveform is 10/1000μS.

Characteristics at Ta = 25°C

Table 1

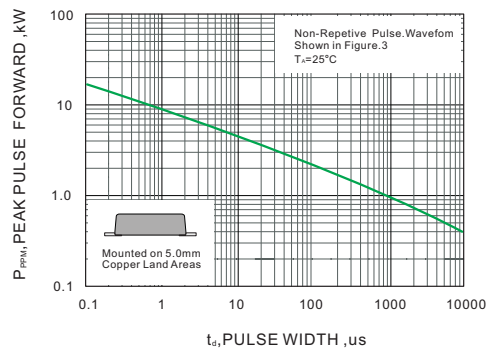
| Type        |              | Reverse<br>Stand-off<br>Voltage | Breakdown<br>Voltage             |       | Test<br>Current | Reverse<br>Leakage                |      | Max. Clamp<br>Voltage | Peak Pulse<br>Current            | Package         |                      |
|-------------|--------------|---------------------------------|----------------------------------|-------|-----------------|-----------------------------------|------|-----------------------|----------------------------------|-----------------|----------------------|
|             |              |                                 | V <sub>BR</sub> @ I <sub>T</sub> |       |                 | I <sub>R</sub> @ V <sub>RWM</sub> |      |                       |                                  | SMAF            |                      |
|             |              |                                 | V <sub>RWM</sub>                 | Min   | Max             | I <sub>T</sub>                    | UNI  | BI                    | V <sub>C</sub> @ I <sub>PP</sub> | I <sub>PP</sub> | Device Marking Ccode |
| UNI         | BI           | V                               | V                                | V     | mA              | µA                                | µA   | V                     | A                                | UNI             | BI                   |
| P4SMAFJ5.0  | P4SMAFJ5.0C  | 5                               | 6.4                              | 7.55  | 10              | 800                               | 1600 | 9.6                   | 41.6                             | 5.0V            | 5.0C                 |
| P4SMAFJ5.0A | P4SMAFJ5.0CA | 5                               | 6.4                              | 7.25  | 10              | 800                               | 1600 | 9.2                   | 43.5                             | 5.0A            | 5.0D                 |
| P4SMAFJ6.0  | P4SMAFJ6.0C  | 6                               | 6.67                             | 8.45  | 10              | 800                               | 1600 | 11.4                  | 35.1                             | 6.0V            | 6.0C                 |
| P4SMAFJ6.0A | P4SMAFJ6.0CA | 6                               | 6.67                             | 7.67  | 10              | 800                               | 1600 | 10.3                  | 38.8                             | 6.0A            | 6.0D                 |
| P4SMAFJ6.5  | P4SMAFJ6.5C  | 6.5                             | 7.22                             | 9.14  | 10              | 500                               | 1000 | 12.3                  | 32.5                             | 6.5V            | 6.5C                 |
| P4SMAFJ6.5A | P4SMAFJ6.5CA | 6.5                             | 7.22                             | 8.3   | 10              | 500                               | 1000 | 11.2                  | 35.7                             | 6.5A            | 6.5D                 |
| P4SMAFJ7.0  | P4SMAFJ7.0C  | 7                               | 7.78                             | 9.86  | 10              | 200                               | 400  | 13.3                  | 30.1                             | 7.0V            | 7.0C                 |
| P4SMAFJ7.0A | P4SMAFJ7.0CA | 7                               | 7.78                             | 8.95  | 10              | 200                               | 400  | 12                    | 33.3                             | 7.0A            | 7.0D                 |
| P4SMAFJ7.5  | P4SMAFJ7.5C  | 7.5                             | 8.33                             | 10.67 | 1               | 100                               | 200  | 14.3                  | 28                               | 7.5V            | 7.5C                 |
| P4SMAFJ7.5A | P4SMAFJ7.5CA | 7.5                             | 8.33                             | 9.58  | 1               | 100                               | 200  | 12.9                  | 31                               | 7.5A            | 7.5D                 |
| P4SMAFJ8.0  | P4SMAFJ8.0C  | 8                               | 8.89                             | 11.3  | 1               | 50                                | 100  | 15                    | 26.5                             | 8.0V            | 8.0C                 |
| P4SMAFJ8.0A | P4SMAFJ8.0CA | 8                               | 8.89                             | 10.23 | 1               | 50                                | 100  | 13.6                  | 29.4                             | 8.0A            | 8.0D                 |
| P4SMAFJ8.5  | P4SMAFJ8.5C  | 8.5                             | 9.44                             | 11.92 | 1               | 10                                | 20   | 15.9                  | 25.1                             | 8.5V            | 8.5C                 |
| P4SMAFJ8.5A | P4SMAFJ8.5CA | 8.5                             | 9.44                             | 10.82 | 1               | 10                                | 20   | 14.4                  | 27.7                             | 8.5A            | 8.5D                 |
| P4SMAFJ9.0  | P4SMAFJ9.0C  | 9                               | 10                               | 12.6  | 1               | 5                                 | 5    | 16.9                  | 23.6                             | 9.0V            | 9.0C                 |
| P4SMAFJ9.0A | P4SMAFJ9.0CA | 9                               | 10                               | 11.5  | 1               | 5                                 | 5    | 15.4                  | 26                               | 9.0A            | 9.0D                 |
| P4SMAFJ10   | P4SMAFJ10C   | 10                              | 11.1                             | 14.1  | 1               | 5                                 | 5    | 18.8                  | 21.2                             | 10V             | 10C                  |
| P4SMAFJ10A  | P4SMAFJ10CA  | 10                              | 11.1                             | 12.8  | 1               | 5                                 | 5    | 17                    | 23.5                             | 10A             | 10D                  |
| P4SMAFJ11   | P4SMAFJ11C   | 11                              | 12.2                             | 15.4  | 1               | 1                                 | 1    | 20.1                  | 20                               | 11V             | 11C                  |
| P4SMAFJ11A  | P4SMAFJ11CA  | 11                              | 12.2                             | 14    | 1               | 1                                 | 1    | 18.2                  | 22                               | 11A             | 11D                  |
| P4SMAFJ12   | P4SMAFJ12C   | 12                              | 13.3                             | 16.9  | 1               | 1                                 | 1    | 22                    | 18.1                             | 12V             | 12C                  |
| P4SMAFJ12A  | P4SMAFJ12CA  | 12                              | 13.3                             | 15.3  | 1               | 1                                 | 1    | 19.9                  | 20.1                             | 12A             | 12D                  |
| P4SMAFJ13   | P4SMAFJ13C   | 13                              | 14.4                             | 18.2  | 1               | 1                                 | 1    | 23.8                  | 16.8                             | 13V             | 13C                  |
| P4SMAFJ13A  | P4SMAFJ13CA  | 13                              | 14.4                             | 16.5  | 1               | 1                                 | 1    | 21.5                  | 18.6                             | 13A             | 13D                  |
| P4SMAFJ14   | P4SMAFJ14C   | 14                              | 15.6                             | 19.8  | 1               | 1                                 | 1    | 25.8                  | 15.5                             | 14V             | 14C                  |
| P4SMAFJ14A  | P4SMAFJ14CA  | 14                              | 15.6                             | 17.9  | 1               | 1                                 | 1    | 23.2                  | 17.2                             | 14A             | 14D                  |
| P4SMAFJ15   | P4SMAFJ15C   | 15                              | 16.7                             | 21.1  | 1               | 1                                 | 1    | 26.9                  | 14.8                             | 15V             | 15C                  |
| P4SMAFJ15A  | P4SMAFJ15CA  | 15                              | 16.7                             | 19.2  | 1               | 1                                 | 1    | 24.4                  | 16.4                             | 15A             | 15D                  |
| P4SMAFJ16   | P4SMAFJ16C   | 16                              | 17.8                             | 22.6  | 1               | 1                                 | 1    | 28.8                  | 13.8                             | 16V             | 16C                  |
| P4SMAFJ16A  | P4SMAFJ16CA  | 16                              | 17.8                             | 20.5  | 1               | 1                                 | 1    | 26                    | 15.3                             | 16A             | 16D                  |
| P4SMAFJ17   | P4SMAFJ17C   | 17                              | 18.9                             | 23.9  | 1               | 1                                 | 1    | 30.5                  | 13.1                             | 17V             | 17C                  |
| P4SMAFJ17A  | P4SMAFJ17CA  | 17                              | 18.9                             | 21.7  | 1               | 1                                 | 1    | 27.6                  | 14.5                             | 17A             | 17D                  |
| P4SMAFJ18   | P4SMAFJ18C   | 18                              | 20                               | 25.3  | 1               | 1                                 | 1    | 32.2                  | 12.4                             | 18V             | 18C                  |
| P4SMAFJ18A  | P4SMAFJ18CA  | 18                              | 20                               | 23.3  | 1               | 1                                 | 1    | 29.2                  | 13.7                             | 18A             | 18D                  |
| P4SMAFJ20   | P4SMAFJ20C   | 20                              | 22.2                             | 28.1  | 1               | 1                                 | 1    | 35.8                  | 11.1                             | 20V             | 20C                  |
| P4SMAFJ20A  | P4SMAFJ20CA  | 20                              | 22.2                             | 25.5  | 1               | 1                                 | 1    | 32.4                  | 12.3                             | 20A             | 20D                  |
| P4SMAFJ22   | P4SMAFJ22C   | 22                              | 24.4                             | 30.9  | 1               | 1                                 | 1    | 39.4                  | 10.1                             | 22V             | 22C                  |
| P4SMAFJ22A  | P4SMAFJ22CA  | 22                              | 24.4                             | 28    | 1               | 1                                 | 1    | 35.5                  | 11.2                             | 22A             | 22D                  |
| P4SMAFJ24   | P4SMAFJ24C   | 24                              | 26.7                             | 33.8  | 1               | 1                                 | 1    | 43                    | 9.3                              | 24V             | 24C                  |
| P4SMAFJ24A  | P4SMAFJ24CA  | 24                              | 26.7                             | 30.7  | 1               | 1                                 | 1    | 38.9                  | 10.3                             | 24A             | 24D                  |
| P4SMAFJ26   | P4SMAFJ26C   | 26                              | 28.9                             | 36.6  | 1               | 1                                 | 1    | 46.6                  | 8.6                              | 26V             | 26C                  |
| P4SMAFJ26A  | P4SMAFJ26CA  | 26                              | 28.9                             | 33.2  | 1               | 1                                 | 1    | 42.1                  | 9.5                              | 26A             | 26D                  |
| P4SMAFJ28   | P4SMAFJ28C   | 28                              | 31.1                             | 39.4  | 1               | 1                                 | 1    | 50                    | 8                                | 28V             | 28C                  |
| P4SMAFJ28A  | P4SMAFJ28CA  | 28                              | 31.1                             | 35.8  | 1               | 1                                 | 1    | 45.4                  | 8.8                              | 28A             | 28D                  |
| P4SMAFJ30   | P4SMAFJ30C   | 30                              | 33.3                             | 42.2  | 1               | 1                                 | 1    | 53.5                  | 7.5                              | 30V             | 30C                  |
| P4SMAFJ30A  | P4SMAFJ30CA  | 30                              | 33.3                             | 38.3  | 1               | 1                                 | 1    | 48.4                  | 8.3                              | 30A             | 30D                  |
| P4SMAFJ33   | P4SMAFJ33C   | 33                              | 36.7                             | 46.5  | 1               | 1                                 | 1    | 59                    | 6.8                              | 33V             | 33C                  |
| P4SMAFJ33A  | P4SMAFJ33CA  | 33                              | 36.7                             | 42.2  | 1               | 1                                 | 1    | 53.3                  | 7.5                              | 33A             | 33D                  |
| P4SMAFJ36   | P4SMAFJ36C   | 36                              | 40                               | 50.7  | 1               | 1                                 | 1    | 64.3                  | 6.2                              | 36V             | 36C                  |
| P4SMAFJ36A  | P4SMAFJ36CA  | 36                              | 40                               | 46    | 1               | 1                                 | 1    | 58.1                  | 6.9                              | 36A             | 36D                  |
| P4SMAFJ40   | P4SMAFJ40C   | 40                              | 44.4                             | 56.3  | 1               | 1                                 | 1    | 71.4                  | 5.6                              | 40V             | 40C                  |
| P4SMAFJ40A  | P4SMAFJ40A   | 40                              | 44.4                             | 51.1  | 1               | 1                                 | 1    | 64.5                  | 6.2                              | 40A             | 40D                  |
| P4SMAFJ43   | P4SMAFJ43C   | 43                              | 47.8                             | 60.5  | 1               | 1                                 | 1    | 76.7                  | 5.2                              | 43V             | 43C                  |
| P4SMAFJ43A  | P4SMAFJ43CA  | 43                              | 47.8                             | 54.9  | 1               | 1                                 | 1    | 69.4                  | 5.7                              | 43A             | 43D                  |
| P4SMAFJ45   | P4SMAFJ45C   | 45                              | 50                               | 63.3  | 1               | 1                                 | 1    | 80.3                  | 5                                | 45V             | 45C                  |

Characteristics at Ta = 25°C

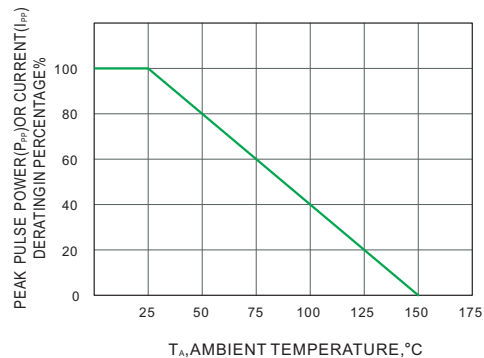
Table 1

| Type        |              | Reverse<br>Stand-off<br>Voltage | Breakdown<br>Voltage             |       | Test<br>Current | Reverse<br>Leakage                |    | Max. Clamp<br>Voltage            | Peak Pulse<br>Current | Package              |      |
|-------------|--------------|---------------------------------|----------------------------------|-------|-----------------|-----------------------------------|----|----------------------------------|-----------------------|----------------------|------|
|             |              |                                 | V <sub>BR</sub> @ I <sub>T</sub> |       |                 | I <sub>R</sub> @ V <sub>RWM</sub> |    |                                  |                       | SMAF                 |      |
|             |              | V <sub>RWM</sub>                | Min                              | Max   | I <sub>T</sub>  | UNI                               | BI | V <sub>C</sub> @ I <sub>PP</sub> | I <sub>PP</sub>       | Device Marking Ccode |      |
| UNI         | BI           | V                               | V                                | V     | mA              | µA                                | µA | V                                | A                     | UNI                  | BI   |
| P4SMAFJ45A  | P4SMAFJ45CA  | 45                              | 50                               | 57.5  | 1               | 5                                 | 5  | 72.7                             | 5.5                   | 45A                  | 45D  |
| P4SMAFJ48   | P4SMAFJ48C   | 48                              | 53.3                             | 67.5  | 1               | 5                                 | 5  | 85.5                             | 4.7                   | 48V                  | 48C  |
| P4SMAFJ48A  | P4SMAFJ48CA  | 48                              | 53.3                             | 61.3  | 1               | 5                                 | 5  | 77.4                             | 5.2                   | 48A                  | 48D  |
| P4SMAFJ51   | P4SMAFJ51C   | 51                              | 56.7                             | 71.8  | 1               | 5                                 | 5  | 91.1                             | 4.4                   | 51V                  | 51C  |
| P4SMAFJ51A  | P4SMAFJ51CA  | 51                              | 56.7                             | 65.2  | 1               | 5                                 | 5  | 82.4                             | 4.9                   | 51A                  | 51D  |
| P4SMAFJ54   | P4SMAFJ54C   | 54                              | 60                               | 76    | 1               | 5                                 | 5  | 96.3                             | 4.2                   | 54V                  | 54C  |
| P4SMAFJ54A  | P4SMAFJ54CA  | 54                              | 60                               | 69    | 1               | 5                                 | 5  | 87.1                             | 4.6                   | 54A                  | 54D  |
| P4SMAFJ58   | P4SMAFJ58C   | 58                              | 64.4                             | 81.6  | 1               | 5                                 | 5  | 103                              | 3.9                   | 58V                  | 58C  |
| P4SMAFJ58A  | P4SMAFJ58CA  | 58                              | 64.4                             | 74.1  | 1               | 5                                 | 5  | 93.6                             | 4.3                   | 58A                  | 58D  |
| P4SMAFJ60   | P4SMAFJ60C   | 60                              | 66.7                             | 84.5  | 1               | 5                                 | 5  | 107                              | 3.7                   | 60V                  | 60C  |
| P4SMAFJ60A  | P4SMAFJ60CA  | 60                              | 66.7                             | 76.7  | 1               | 5                                 | 5  | 96.8                             | 4.1                   | 60A                  | 60D  |
| P4SMAFJ64   | P4SMAFJ64C   | 64                              | 71.1                             | 90.1  | 1               | 5                                 | 5  | 114                              | 3.5                   | 64V                  | 64C  |
| P4SMAFJ64A  | P4SMAFJ64CA  | 64                              | 71.1                             | 81.8  | 1               | 5                                 | 5  | 103                              | 3.9                   | 64A                  | 64D  |
| P4SMAFJ70   | P4SMAFJ70C   | 70                              | 77.8                             | 98.6  | 1               | 5                                 | 5  | 125                              | 3.2                   | 70V                  | 70C  |
| P4SMAFJ70A  | P4SMAFJ70CA  | 70                              | 77.8                             | 89.5  | 1               | 5                                 | 5  | 113                              | 3.5                   | 70A                  | 70D  |
| P4SMAFJ75   | P4SMAFJ75C   | 75                              | 83.3                             | 105.7 | 1               | 5                                 | 5  | 134                              | 3                     | 75V                  | 75C  |
| P4SMAFJ75A  | P4SMAFJ75CA  | 75                              | 83.3                             | 95.8  | 1               | 5                                 | 5  | 121                              | 3.3                   | 75A                  | 75D  |
| P4SMAFJ78   | P4SMAFJ78C   | 78                              | 86.7                             | 109.8 | 1               | 5                                 | 5  | 139                              | 2.9                   | 78V                  | 78C  |
| P4SMAFJ78A  | P4SMAFJ78CA  | 78                              | 86.7                             | 99.7  | 1               | 5                                 | 5  | 126                              | 3.2                   | 78A                  | 78D  |
| P4SMAFJ85   | P4SMAFJ85C   | 85                              | 94.4                             | 119.2 | 1               | 5                                 | 5  | 151                              | 2.6                   | 85V                  | 85C  |
| P4SMAFJ85A  | P4SMAFJ85CA  | 85                              | 94.4                             | 108.2 | 1               | 5                                 | 5  | 137                              | 2.9                   | 85A                  | 85D  |
| P4SMAFJ90   | P4SMAFJ90C   | 90                              | 100                              | 126.5 | 1               | 5                                 | 5  | 160                              | 2.5                   | 90V                  | 90C  |
| P4SMAFJ90A  | P4SMAFJ90CA  | 90                              | 100                              | 115.5 | 1               | 5                                 | 5  | 146                              | 2.7                   | 90A                  | 90D  |
| P4SMAFJ100  | P4SMAFJ100C  | 100                             | 111                              | 141   | 1               | 5                                 | 5  | 179                              | 2.2                   | 100V                 | 100C |
| P4SMAFJ100A | P4SMAFJ100CA | 100                             | 111                              | 128   | 1               | 5                                 | 5  | 162                              | 2.5                   | 100A                 | 100D |
| P4SMAFJ110  | P4SMAFJ110C  | 110                             | 122                              | 154.5 | 1               | 5                                 | 5  | 196                              | 2                     | 110V                 | 110C |
| P4SMAFJ110A | P4SMAFJ110CA | 110                             | 122                              | 140.5 | 1               | 5                                 | 5  | 177                              | 2.3                   | 110A                 | 110D |
| P4SMAFJ120  | P4SMAFJ120C  | 120                             | 133                              | 169   | 1               | 5                                 | 5  | 214                              | 1.9                   | 120V                 | 120C |
| P4SMAFJ120A | P4SMAFJ120CA | 120                             | 133                              | 153   | 1               | 5                                 | 5  | 193                              | 2                     | 120A                 | 120D |
| P4SMAFJ130  | P4SMAFJ130C  | 130                             | 144                              | 182.5 | 1               | 5                                 | 5  | 231                              | 1.7                   | 130V                 | 130C |
| P4SMAFJ130A | P4SMAFJ130CA | 130                             | 144                              | 165.5 | 1               | 5                                 | 5  | 209                              | 1.9                   | 130A                 | 130D |
| P4SMAFJ150  | P4SMAFJ150C  | 150                             | 167                              | 211.5 | 1               | 5                                 | 5  | 268                              | 1.5                   | 150V                 | 150C |
| P4SMAFJ150A | P4SMAFJ150CA | 150                             | 167                              | 192.5 | 1               | 5                                 | 5  | 243                              | 1.6                   | 150A                 | 150D |
| P4SMAFJ160  | P4SMAFJ160C  | 160                             | 178                              | 226   | 1               | 5                                 | 5  | 287                              | 1.4                   | 160V                 | 160C |
| P4SMAFJ160A | P4SMAFJ160CA | 160                             | 178                              | 205   | 1               | 5                                 | 5  | 259                              | 1.5                   | 160A                 | 160D |
| P4SMAFJ170  | P4SMAFJ170C  | 170                             | 189                              | 239.5 | 1               | 5                                 | 5  | 304                              | 1.3                   | 170V                 | 170C |
| P4SMAFJ170A | P4SMAFJ170CA | 170                             | 189                              | 217.5 | 1               | 5                                 | 5  | 275                              | 1.4                   | 170A                 | 170D |
| P4SMAFJ180  | P4SMAFJ180C  | 180                             | 198                              | 253.8 | 1               | 5                                 | 5  | 322                              | 1.2                   | 180V                 | 180C |
| P4SMAFJ180A | P4SMAFJ180CA | 180                             | 198                              | 230.4 | 1               | 5                                 | 5  | 292                              | 1.3                   | 180A                 | 180D |
| P4SMAFJ190  | P4SMAFJ190C  | 190                             | 209                              | 267.9 | 1               | 5                                 | 5  | 340                              | 1.2                   | 190V                 | 190C |
| P4SMAFJ190A | P4SMAFJ190CA | 190                             | 209                              | 243.2 | 1               | 5                                 | 5  | 308                              | 1.3                   | 190A                 | 190D |
| P4SMAFJ200  | P4SMAFJ200C  | 200                             | 220                              | 282   | 1               | 5                                 | 5  | 358                              | 1.1                   | 200V                 | 200C |
| P4SMAFJ200A | P4SMAFJ200CA | 200                             | 220                              | 256   | 1               | 5                                 | 5  | 324                              | 1.2                   | 200A                 | 200D |
| P4SMAFJ210  | P4SMAFJ210C  | 210                             | 231                              | 296.1 | 1               | 5                                 | 5  | 376                              | 1.1                   | 210V                 | 210C |
| P4SMAFJ210A | P4SMAFJ210CA | 210                             | 231                              | 268.8 | 1               | 5                                 | 5  | 340                              | 1.2                   | 210A                 | 210D |
| P4SMAFJ220  | P4SMAFJ220C  | 220                             | 242                              | 310.2 | 1               | 5                                 | 5  | 394                              | 1                     | 220V                 | 220C |
| P4SMAFJ220A | P4SMAFJ220CA | 220                             | 242                              | 281.6 | 1               | 5                                 | 5  | 356                              | 1.1                   | 220A                 | 220D |

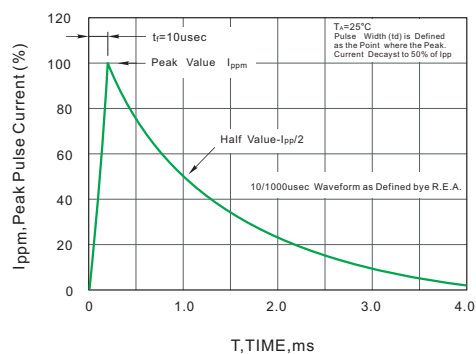
**Fig.1 Peak Pulse Power Rating Curve**



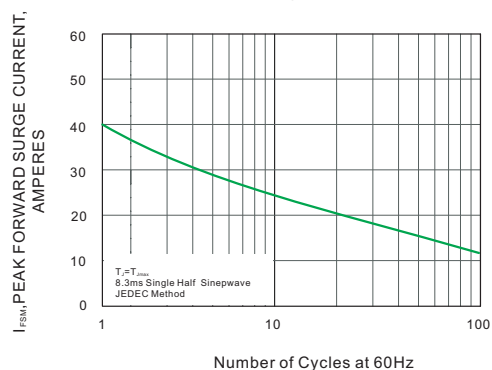
**Fig.2 Forward Current Derating Curve**



**Fig.3 Pulse Waveform**



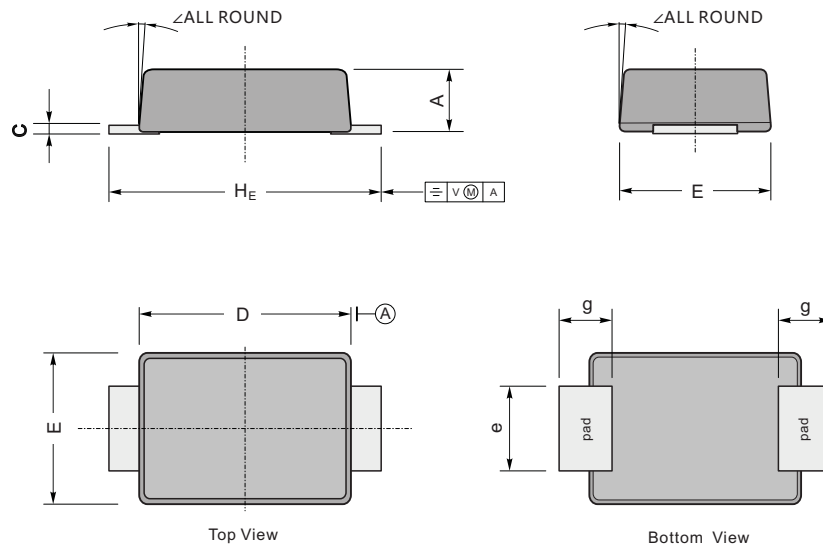
**Fig.4 Maximum Non-Repetitive Peak Forward Surge Current**



## PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SMAF



| UNIT |     | A   | C    | D   | E   | e   | g   | H <sub>E</sub> | ∠  |
|------|-----|-----|------|-----|-----|-----|-----|----------------|----|
| mm   | max | 1.1 | 0.20 | 3.7 | 2.7 | 1.6 | 1.2 | 4.9            | 7° |
|      | min | 0.9 | 0.12 | 3.3 | 2.4 | 1.3 | 0.8 | 4.4            |    |
| mil  | max | 43  | 7.9  | 146 | 106 | 63  | 47  | 193            |    |
|      | min | 35  | 4.7  | 130 | 94  | 51  | 31  | 173            |    |

### The recommended mounting pad size

