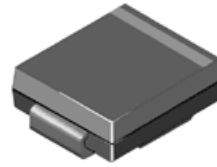


### Features

EC76SMCJ5.0 thru 440

- Plastic package has Underwriters Laboratory Flammability Classification 94V-0
- Low profile package with built-in strain relief for surface mounted applications
- Glass passivated junction
- Low incremental surge resistance, excellent clamping capability
- 1500W peak pulse power capability with a 10/1000us waveform, repetition rate (duty cycle): 0.01%
- Very fast response time
- High temperature soldering guaranteed: 250°C /10 seconds at terminals



DO-214AB(SMC)

### Mechanical Data

- Case: JEDEC DO-214AB(SMC J-Bend) molded plastic over passivated junction
- Terminals: Solder plated, solderable per MIL-STD-750, Method 2026
- Polarity: For unidirectional types the band denotes the cathode, which is positive with respect to the anode under normal TVS operation
- Weight: 0.007oz., 0.21g

### Absolute Maximum Ratings

(Ratings at 25°C ambient temperature unless otherwise specified.)

| Parameter                                                                                  | Symbol   | Value          | Unit |
|--------------------------------------------------------------------------------------------|----------|----------------|------|
| Peak pulse power dissipation with a 10/1000 us waveform <sup>(1,2)</sup> (see Fig. 1)      | PPPM     | Minimum 1500   | W    |
| Peak pulse current with a 10/1000 us waveform <sup>(1)</sup>                               | IPPM     | See Next Table | A    |
| Peak forward surge current 8.3ms single half sine-wave uni-directional only <sup>(2)</sup> | IFSM     | 200            | A    |
| Typical thermal resistance, junction to ambient <sup>(4)</sup>                             | RθJA     | 75             | °C/W |
| Typical thermal resistance, junction to lead                                               | RθJL     | 15             | °C/W |
| Operating junction and storage temperature range                                           | TJ, TSTG | -55 to +150    | °C   |

- Notes: 1. Non-repetitive current pulse, per Fig.3 and derated above TA=25°C per Fig. 2.  
 2. Mounted on 0.31 x 0.31" (8.0 x 8.0 mm) copper pads to each terminal  
 3. Mounted on minimum recommended pad layout



# Surface Mount Transient Voltage Suppressors

## EC76SMCJxx

Peak Pulse Power 1500W

Stand-off Voltage 5.0 to 440V

### Electrical Characteristics

Ratings at 25°C ambient temperature unless otherwise specified.  $V_F=3.5V$  at  $I_F=100A$  (uni-directional only)

| Device type  | Device marking code |     | Breakdown voltage $V_{(BR)}$ (Volts) <sup>(1)</sup> |      | Test current at $I_T$ (mA) | Stand-off voltage $V_{WM}$ (Volts) | Maximum reverse leakage at $V_{WM}$ $I_D$ (uA) <sup>(3)</sup> | Maximum peak pulse surge current $I_{PPM}$ (A) <sup>(2)</sup> | Maximum clamping voltage at $I_{PPM}$ $V_C$ (Volts) |
|--------------|---------------------|-----|-----------------------------------------------------|------|----------------------------|------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------|
|              | UNI                 | BI  | Min.                                                | Max. |                            |                                    |                                                               |                                                               |                                                     |
| EC76SMCJ5.0  | GDD                 | BDD | 6.40                                                | 7.82 | 10                         | 5.0                                | 1000                                                          | 156.3                                                         | 9.6                                                 |
| EC76SMCJ5.0A | GDE                 | BDE | 6.40                                                | 7.07 | 10                         | 5.0                                | 1000                                                          | 163.0                                                         | 9.2                                                 |
| EC76SMCJ6.0  | GDF                 | BDF | 6.67                                                | 8.15 | 10                         | 6.0                                | 1000                                                          | 131.6                                                         | 11.4                                                |
| EC76SMCJ6.0A | GDG                 | BDG | 6.67                                                | 7.37 | 10                         | 6.0                                | 1000                                                          | 145.6                                                         | 10.3                                                |
| EC76SMCJ6.5  | GDH                 | BDH | 7.22                                                | 8.82 | 10                         | 6.5                                | 500                                                           | 122.0                                                         | 12.3                                                |
| EC76SMCJ6.5A | GDK                 | BDK | 7.22                                                | 7.98 | 10                         | 6.5                                | 500                                                           | 133.9                                                         | 11.2                                                |
| EC76SMCJ7.0  | GDL                 | BDL | 7.78                                                | 9.51 | 10                         | 7.0                                | 200                                                           | 112.8                                                         | 13.3                                                |
| EC76SMCJ7.0A | GDL                 | BDM | 7.78                                                | 8.60 | 10                         | 7.0                                | 200                                                           | 125.0                                                         | 12.0                                                |
| EC76SMCJ7.5  | GDN                 | BDN | 8.33                                                | 10.2 | 1.0                        | 7.5                                | 100                                                           | 104.9                                                         | 14.3                                                |
| EC76SMCJ7.5A | GDP                 | BDP | 8.33                                                | 9.21 | 1.0                        | 7.5                                | 100                                                           | 116.3                                                         | 12.9                                                |
| EC76SMCJ8.0  | GDQ                 | BDQ | 8.89                                                | 10.9 | 1.0                        | 8.0                                | 50                                                            | 100.0                                                         | 15.0                                                |
| EC76SMCJ8.0A | GDR                 | BDR | 8.89                                                | 9.83 | 1.0                        | 8.0                                | 50                                                            | 110.3                                                         | 13.6                                                |
| EC76SMCJ8.5  | GDS                 | BDS | 9.44                                                | 11.5 | 1.0                        | 8.5                                | 20                                                            | 94.3                                                          | 15.9                                                |
| EC76SMCJ8.5A | GDT                 | BDT | 9.44                                                | 10.4 | 1.0                        | 8.5                                | 20                                                            | 104.2                                                         | 14.4                                                |
| EC76SMCJ9.0  | GDU                 | BDU | 10.0                                                | 12.2 | 1.0                        | 9.0                                | 10.0                                                          | 88.8                                                          | 16.9                                                |
| EC76SMCJ9.0A | GDV                 | BDV | 10.0                                                | 11.1 | 1.0                        | 9.0                                | 10.0                                                          | 97.4                                                          | 15.4                                                |
| EC76SMCJ10   | GDW                 | BDW | 11.1                                                | 13.6 | 1.0                        | 10                                 | 5.0                                                           | 79.8                                                          | 18.8                                                |
| EC76SMCJ10A  | GDX                 | BDX | 11.1                                                | 12.3 | 1.0                        | 10                                 | 5.0                                                           | 88.2                                                          | 17.0                                                |
| EC76SMCJ11   | GDY                 | BDY | 12.2                                                | 14.9 | 1.0                        | 11                                 | 5.0                                                           | 74.6                                                          | 20.1                                                |
| EC76SMCJ11A  | GDZ                 | BDZ | 12.2                                                | 13.5 | 1.0                        | 11                                 | 5.0                                                           | 82.4                                                          | 18.2                                                |
| EC76SMCJ12   | GED                 | BED | 13.3                                                | 16.3 | 1.0                        | 12                                 | 5.0                                                           | 68.2                                                          | 22.0                                                |
| EC76SMCJ12A  | GEE                 | BEE | 13.3                                                | 14.7 | 1.0                        | 12                                 | 5.0                                                           | 75.4                                                          | 19.9                                                |
| EC76SMCJ13   | GEF                 | BEF | 14.4                                                | 17.6 | 1.0                        | 13                                 | 1.0                                                           | 63.0                                                          | 23.8                                                |
| EC76SMCJ13A  | GEG                 | BEG | 14.4                                                | 15.9 | 1.0                        | 13                                 | 1.0                                                           | 69.8                                                          | 21.5                                                |
| EC76SMCJ14   | GEH                 | BEH | 15.6                                                | 19.1 | 1.0                        | 14                                 | 1.0                                                           | 58.1                                                          | 25.8                                                |
| EC76SMCJ14A  | GEK                 | BEK | 15.6                                                | 17.2 | 1.0                        | 14                                 | 1.0                                                           | 64.7                                                          | 23.2                                                |
| EC76SMCJ15   | GEL                 | BEL | 16.7                                                | 20.4 | 1.0                        | 15                                 | 1.0                                                           | 55.8                                                          | 26.9                                                |
| EC76SMCJ15A  | GEM                 | BEM | 16.7                                                | 18.5 | 1.0                        | 15                                 | 1.0                                                           | 61.5                                                          | 24.4                                                |
| EC76SMCJ16   | GEN                 | BEN | 17.8                                                | 21.8 | 1.0                        | 16                                 | 1.0                                                           | 52.1                                                          | 28.8                                                |
| EC76SMCJ16A  | GEP                 | BEP | 17.8                                                | 19.7 | 1.0                        | 16                                 | 1.0                                                           | 57.7                                                          | 26.0                                                |
| EC76SMCJ17   | GEQ                 | BEQ | 18.9                                                | 23.1 | 1.0                        | 17                                 | 1.0                                                           | 49.2                                                          | 30.5                                                |
| EC76SMCJ17A  | GER                 | BER | 18.9                                                | 20.9 | 1.0                        | 17                                 | 1.0                                                           | 54.3                                                          | 27.6                                                |
| EC76SMCJ18   | GES                 | BES | 20.0                                                | 24.4 | 1.0                        | 18                                 | 1.0                                                           | 46.6                                                          | 32.2                                                |
| EC76SMCJ18A  | GET                 | BET | 20.0                                                | 22.1 | 1.0                        | 18                                 | 1.0                                                           | 51.4                                                          | 29.2                                                |
| EC76SMCJ20   | GEU                 | BEU | 22.2                                                | 27.1 | 1.0                        | 20                                 | 1.0                                                           | 41.9                                                          | 35.8                                                |
| EC76SMCJ20A  | GEV                 | BEV | 22.2                                                | 24.5 | 1.0                        | 20                                 | 1.0                                                           | 46.3                                                          | 32.4                                                |
| EC76SMCJ22   | GEW                 | BEW | 24.4                                                | 29.8 | 1.0                        | 22                                 | 1.0                                                           | 38.1                                                          | 39.4                                                |
| EC76SMCJ22A  | GEX                 | BEX | 24.4                                                | 26.9 | 1.0                        | 22                                 | 1.0                                                           | 42.3                                                          | 35.5                                                |
| EC76SMCJ24   | GEY                 | BEY | 26.7                                                | 32.6 | 1.0                        | 24                                 | 1.0                                                           | 34.9                                                          | 43.0                                                |
| EC76SMCJ24A  | GEZ                 | BEZ | 26.7                                                | 29.5 | 1.0                        | 24                                 | 1.0                                                           | 38.6                                                          | 38.9                                                |
| EC76SMCJ26   | GFD                 | BFD | 28.9                                                | 35.3 | 1.0                        | 26                                 | 1.0                                                           | 32.2                                                          | 46.6                                                |
| EC76SMCJ26A  | GFE                 | BFE | 28.9                                                | 31.9 | 1.0                        | 26                                 | 1.0                                                           | 35.6                                                          | 42.1                                                |



# Surface Mount Transient Voltage Suppressors

## EC76SMCJxx

Peak Pulse Power 1500W

Stand-off Voltage 5.0 to 440V

| Device type  | Device marking code |     | Breakdown voltage<br>V <sub>(BR)</sub> (Volts) <sup>(1)</sup> |      | Test current at<br>I <sub>T</sub> (mA) | Stand-off voltage<br>V <sub>WM</sub> (Volts) | Maximum reverse leakage at V <sub>WM</sub><br>I <sub>D</sub> (uA) <sup>(3)</sup> | Maximum peak pulse surge current<br>I <sub>PPM</sub> (A) <sup>(2)</sup> | Maximum clamping voltage at I <sub>PPM</sub><br>V <sub>C</sub> (Volts) |
|--------------|---------------------|-----|---------------------------------------------------------------|------|----------------------------------------|----------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|
|              | UNI                 | BI  | Min.                                                          | Max. |                                        |                                              |                                                                                  |                                                                         |                                                                        |
| EC76SMCJ28   | GFF                 | BFF | 31.1                                                          | 38.0 | 1.0                                    | 28                                           | 1.0                                                                              | 30.0                                                                    | 50.0                                                                   |
| EC76SMCJ28A  | GFG                 | BFG | 31.1                                                          | 34.4 | 1.0                                    | 28                                           | 1.0                                                                              | 33.0                                                                    | 45.4                                                                   |
| EC76SMCJ30   | GFH                 | BFH | 33.3                                                          | 40.7 | 1.0                                    | 30                                           | 1.0                                                                              | 28.0                                                                    | 53.5                                                                   |
| EC76SMCJ33   | GFL                 | BFL | 36.7                                                          | 44.9 | 1.0                                    | 33                                           | 1.0                                                                              | 25.4                                                                    | 59.0                                                                   |
| EC76SMCJ33A  | GFM                 | BFM | 36.7                                                          | 40.6 | 1.0                                    | 33                                           | 1.0                                                                              | 28.1                                                                    | 53.3                                                                   |
| EC76SMCJ36   | GFN                 | BFN | 40.0                                                          | 48.9 | 1.0                                    | 36                                           | 1.0                                                                              | 23.3                                                                    | 64.3                                                                   |
| EC76SMCJ36A  | GFP                 | BFP | 40.0                                                          | 44.2 | 1.0                                    | 36                                           | 1.0                                                                              | 25.8                                                                    | 58.1                                                                   |
| EC76SMCJ40   | BFQ                 | BFQ | 44.4                                                          | 54.3 | 1.0                                    | 40                                           | 1.0                                                                              | 21.0                                                                    | 71.4                                                                   |
| EC76SMCJ40A  | GFR                 | BFR | 44.4                                                          | 49.1 | 1.0                                    | 40                                           | 1.0                                                                              | 23.3                                                                    | 64.5                                                                   |
| EC76SMCJ43   | GFS                 | BFS | 47.8                                                          | 58.4 | 1.0                                    | 43                                           | 1.0                                                                              | 19.6                                                                    | 76.7                                                                   |
| EC76SMCJ43A  | GFT                 | BFT | 47.8                                                          | 52.8 | 1.0                                    | 43                                           | 1.0                                                                              | 21.6                                                                    | 69.4                                                                   |
| EC76SMCJ45   | GFU                 | BFU | 50.0                                                          | 61.1 | 1.0                                    | 45                                           | 1.0                                                                              | 18.7                                                                    | 80.3                                                                   |
| EC76SMCJ45A  | GFV                 | BFV | 50.0                                                          | 55.3 | 1.0                                    | 45                                           | 1.0                                                                              | 20.6                                                                    | 72.7                                                                   |
| EC76SMCJ48   | GFW                 | BFW | 53.3                                                          | 65.1 | 1.0                                    | 48                                           | 1.0                                                                              | 17.5                                                                    | 85.5                                                                   |
| EC76SMCJ48A  | GFX                 | BFX | 53.3                                                          | 58.9 | 1.0                                    | 48                                           | 1.0                                                                              | 19.4                                                                    | 77.4                                                                   |
| EC76SMCJ51   | GFY                 | BFY | 56.7                                                          | 69.3 | 1.0                                    | 51                                           | 1.0                                                                              | 16.5                                                                    | 91.1                                                                   |
| EC76SMCJ51A  | GFZ                 | BFZ | 56.7                                                          | 62.7 | 1.0                                    | 51                                           | 1.0                                                                              | 18.2                                                                    | 82.4                                                                   |
| EC76SMCJ54   | GGD                 | BGD | 60.0                                                          | 73.3 | 1.0                                    | 54                                           | 1.0                                                                              | 15.6                                                                    | 96.3                                                                   |
| EC76SMCJ54A  | GGEE                | BGE | 60.0                                                          | 66.3 | 1.0                                    | 54                                           | 1.0                                                                              | 17.2                                                                    | 87.1                                                                   |
| EC76SMCJ58   | GGF                 | BGF | 64.4                                                          | 78.7 | 1.0                                    | 58                                           | 1.0                                                                              | 14.6                                                                    | 103                                                                    |
| EC76SMCJ58A  | GGG                 | BGG | 64.4                                                          | 71.2 | 1.0                                    | 58                                           | 1.0                                                                              | 16.0                                                                    | 93                                                                     |
| EC76SMCJ60   | GGH                 | BGH | 66.7                                                          | 81.5 | 1.0                                    | 60                                           | 1.0                                                                              | 14.0                                                                    | 107                                                                    |
| EC76SMCJ60A  | GGK                 | BGK | 66.7                                                          | 73.7 | 1.0                                    | 60                                           | 1.0                                                                              | 15.5                                                                    | 96                                                                     |
| EC76SMCJ64   | GGL                 | BGL | 71.1                                                          | 86.9 | 1.0                                    | 64                                           | 1.0                                                                              | 13.2                                                                    | 114                                                                    |
| EC76SMCJ64A  | GGM                 | BGM | 71.1                                                          | 78.6 | 1.0                                    | 64                                           | 1.0                                                                              | 14.6                                                                    | 103                                                                    |
| EC76SMCJ70   | GGN                 | BGN | 77.8                                                          | 95.1 | 1.0                                    | 70                                           | 1.0                                                                              | 12                                                                      | 125                                                                    |
| EC76SMCJ70A  | GGP                 | BGP | 77.8                                                          | 86.0 | 1.0                                    | 70                                           | 1.0                                                                              | 13.3                                                                    | 113                                                                    |
| EC76SMCJ75   | GGQ                 | BGQ | 83.3                                                          | 102  | 1.0                                    | 75                                           | 1.0                                                                              | 11.2                                                                    | 134                                                                    |
| EC76SMCJ75A  | GGR                 | BGR | 83.3                                                          | 92.1 | 1.0                                    | 75                                           | 1.0                                                                              | 12.4                                                                    | 121                                                                    |
| EC76SMCJ78   | GGS                 | BGS | 86.7                                                          | 106  | 1.0                                    | 78                                           | 1.0                                                                              | 10.8                                                                    | 139                                                                    |
| EC76SMCJ78A  | GGT                 | BGT | 86.7                                                          | 95.8 | 1.0                                    | 78                                           | 1.0                                                                              | 11.9                                                                    | 126                                                                    |
| EC76SMCJ85   | GGU                 | BGU | 94.4                                                          | 115  | 1.0                                    | 85                                           | 1.0                                                                              | 9.9                                                                     | 151                                                                    |
| EC76SMCJ85A  | GGV                 | BGV | 94.4                                                          | 104  | 1.0                                    | 85                                           | 1.0                                                                              | 10.9                                                                    | 137                                                                    |
| EC76SMCJ90   | GGW                 | BGW | 100                                                           | 122  | 1.0                                    | 90                                           | 1.0                                                                              | 9.4                                                                     | 160                                                                    |
| EC76SMCJ90A  | GGX                 | BGX | 100                                                           | 111  | 1.0                                    | 90                                           | 1.0                                                                              | 10.3                                                                    | 146                                                                    |
| EC76SMCJ100  | GGY                 | BGY | 111                                                           | 136  | 1.0                                    | 100                                          | 1.0                                                                              | 8.4                                                                     | 179                                                                    |
| EC76SMCJ100A | GGZ                 | BGZ | 111                                                           | 123  | 1.0                                    | 100                                          | 1.0                                                                              | 9.3                                                                     | 162                                                                    |
| EC76SMCJ110  | GHD                 | BHD | 122                                                           | 149  | 1.0                                    | 110                                          | 1.0                                                                              | 7.7                                                                     | 196                                                                    |
| EC76SMCJ110A | GHE                 | BHE | 122                                                           | 135  | 1.0                                    | 110                                          | 1.0                                                                              | 8.5                                                                     | 177                                                                    |
| EC76SMCJ120  | GHF                 | BHF | 133                                                           | 163  | 1.0                                    | 120                                          | 1.0                                                                              | 7.0                                                                     | 214                                                                    |
| EC76SMCJ120A | GHG                 | BHG | 133                                                           | 147  | 1.0                                    | 120                                          | 1.0                                                                              | 7.8                                                                     | 193                                                                    |
| EC76SMCJ130  | GHH                 | BHH | 144                                                           | 176  | 1.0                                    | 130                                          | 1.0                                                                              | 6.5                                                                     | 231                                                                    |
| EC76SMCJ130A | GHK                 | BHK | 144                                                           | 159  | 1.0                                    | 130                                          | 1.0                                                                              | 7.2                                                                     | 209                                                                    |
| EC76SMCJ150  | GHL                 | BHL | 167                                                           | 204  | 1.0                                    | 150                                          | 1.0                                                                              | 5.6                                                                     | 268                                                                    |
| EC76SMCJ150A | GHM                 | BHM | 167                                                           | 185  | 1.0                                    | 150                                          | 1.0                                                                              | 6.2                                                                     | 243                                                                    |
| EC76SMCJ160  | GHN                 | BHN | 178                                                           | 218  | 1.0                                    | 160                                          | 1.0                                                                              | 5.2                                                                     | 287                                                                    |
| EC76SMCJ160A | GHP                 | BHP | 178                                                           | 197  | 1.0                                    | 160                                          | 1.0                                                                              | 5.8                                                                     | 259                                                                    |



# Surface Mount Transient Voltage Suppressors

## EC76SMCJxx

Peak Pulse Power 1500W

Stand-off Voltage 5.0 to 440V

| Device type  | Device marking code |     | Breakdown voltage<br>$V_{(BR)}$ (Volts) <sup>(1)</sup> |      | Test current at<br>$I_T$ (mA) | Stand-off voltage<br>$V_{WM}$ (Volts) | Maximum reverse leakage at $V_{WM}$<br>$I_D$ (uA) <sup>(3)</sup> | Maximum peak pulse surge current<br>$I_{PPM}$ (A) <sup>(2)</sup> | Maximum clamping voltage at $I_{PPM}$<br>$V_C$ (Volts) |
|--------------|---------------------|-----|--------------------------------------------------------|------|-------------------------------|---------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------|
|              | UNI                 | BI  | Min.                                                   | Max. |                               |                                       |                                                                  |                                                                  |                                                        |
| EC76SMCJ170  | GHQ                 | BHQ | 189                                                    | 231  | 1.0                           | 170                                   | 1.0                                                              | 4.9                                                              | 304                                                    |
| EC76SMCJ170A | GHR                 | BHR | 189                                                    | 209  | 1.0                           | 170                                   | 1.0                                                              | 5.5                                                              | 275                                                    |
| EC76SMCJ180A | GHT                 | BHT | 201                                                    | 222  | 1.0                           | 180                                   | 1.0                                                              | 5.0                                                              | 292                                                    |
| EC76SMCJ200A | GHV                 | BHV | 224                                                    | 247  | 1.0                           | 200                                   | 1.0                                                              | 4.6                                                              | 324                                                    |
| EC76SMCJ220A | GHX                 | BHX | 246                                                    | 272  | 1.0                           | 220                                   | 1.0                                                              | 4.2                                                              | 356                                                    |
| EC76SMCJ250A | GHZ                 | BHZ | 279                                                    | 309  | 1.0                           | 250                                   | 1.0                                                              | 3.7                                                              | 405                                                    |
| EC76SMCJ300A | GJE                 | BJE | 335                                                    | 371  | 1.0                           | 300                                   | 1.0                                                              | 3.1                                                              | 486                                                    |
| EC76SMCJ350A | GJG                 | BJG | 391                                                    | 432  | 1.0                           | 350                                   | 1.0                                                              | 2.6                                                              | 567                                                    |
| EC76SMCJ400A | GJK                 | BJK | 447                                                    | 494  | 1.0                           | 400                                   | 1.0                                                              | 2.3                                                              | 648                                                    |
| EC76SMCJ440A | GJM                 | BJM | 492                                                    | 543  | 1.0                           | 440                                   | 1.0                                                              | 2.1                                                              | 713                                                    |

- Notes: 1.  $V_{(BR)}$  measured after  $I_T$  applied for 300us square wave pulse or equivalent  
2. Surge current waveform per Fig. 3 and derate per Fig. 2  
3. For bi-directional types having  $V_{WM}$  of 10 Volts and less, the  $I_D$  limit is doubled  
4. All terms and symbols are consistent with ANSI/IEEE C62.35  
5. For parts without A, the  $V_{BR}$  is +10%

## Typical Performance Curves

Fig.1 Peak Pulse Power Rating Curve

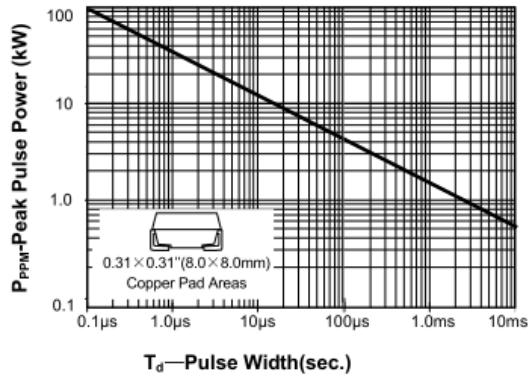


Fig.2 Pulse Derating Curve

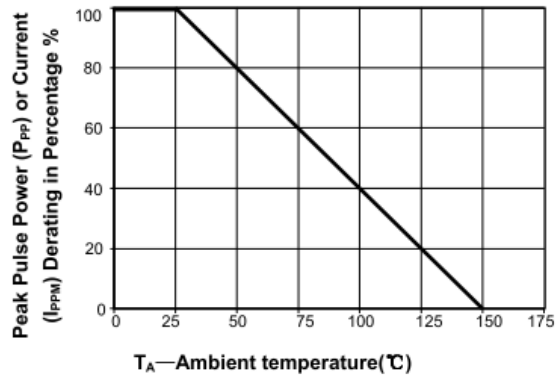


Fig.3 Pulse Waveform

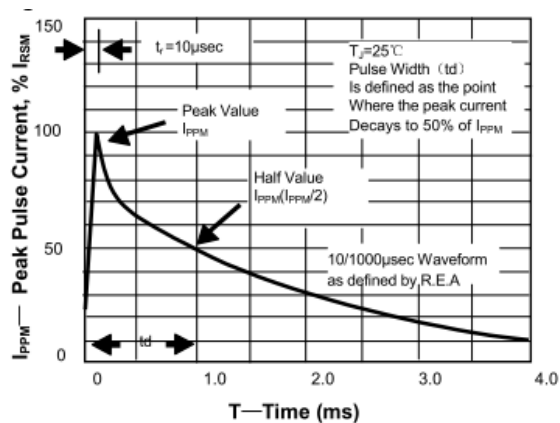


Fig.4 Typical Junction Capacitance Uni-Directional

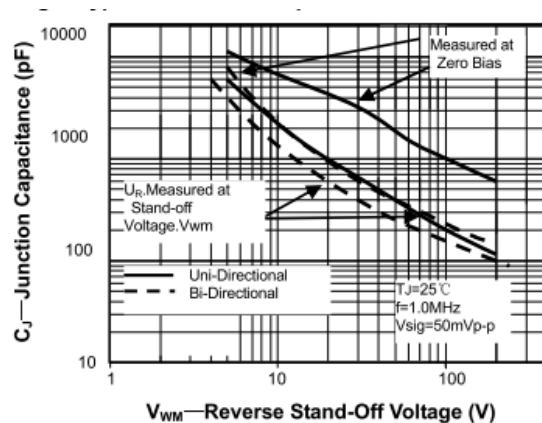


Fig.5 Typical Transient Thermal Impedance

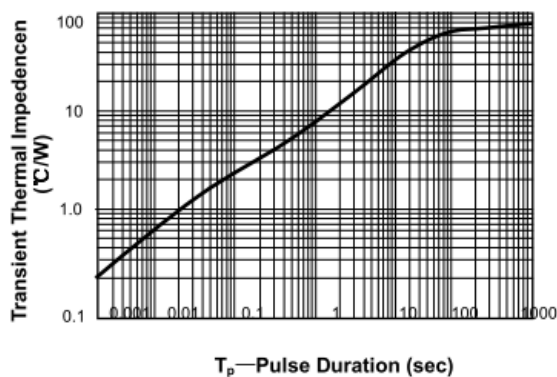
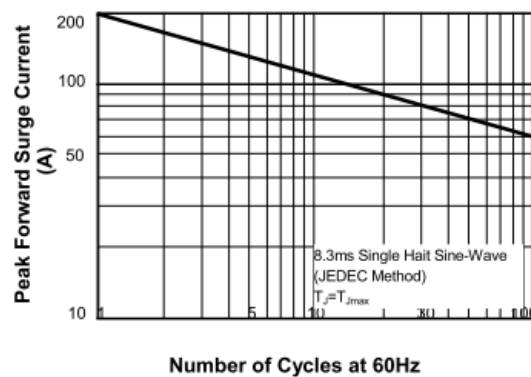


Fig.6 Maximum Non-Repetitive Forward Surge Current Uni-Directional Use Only



### Order Information

EC76SMCJ xx C A

Stand off Voltage

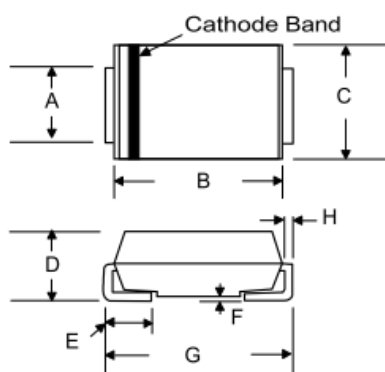
5% Voltage Tolerance

Bi-directional

| Device     | Package       | Net Weight | Carrier     | Quantity     | HSF Status     |
|------------|---------------|------------|-------------|--------------|----------------|
| EC76SMCJXX | DO-214AB(SMC) | 0.21g      | Tape & Reel | 3000pcs/reel | RoHS compliant |

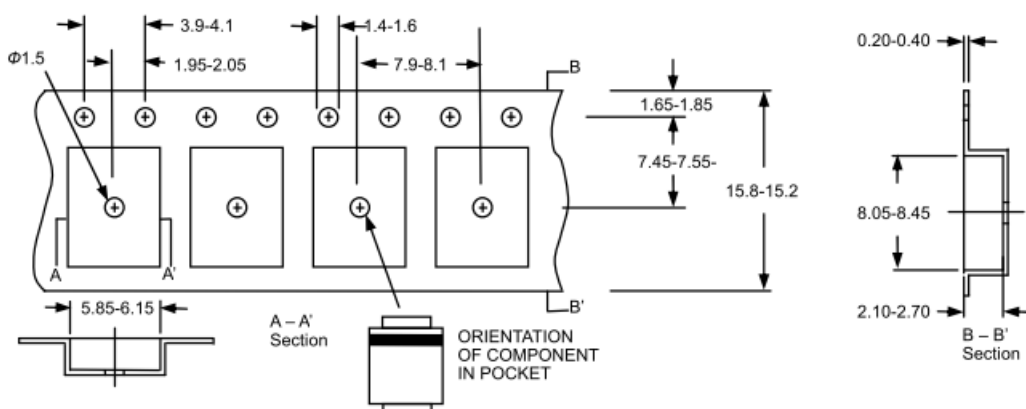
### Product Dimension

#### DO-214AB (SMC)



| Dimensions | Inches |       | Millimeters |      |
|------------|--------|-------|-------------|------|
|            | Min    | Max   | Min         | Max  |
| A          | 0.114  | 0.126 | 2.90        | 3.20 |
| B          | 0.260  | 0.280 | 6.60        | 7.11 |
| C          | 0.220  | 0.246 | 5.59        | 6.22 |
| D          | 0.079  | 0.109 | 2.06        | 2.62 |
| E          | 0.030  | 0.060 | 0.76        | 1.52 |
| F          | 0.004  | 0.008 | 0.10        | 0.20 |
| G          | 0.305  | 0.320 | 7.75        | 8.13 |
| H          | 0.006  | 0.012 | 0.12        | 0.31 |

### Package Information



### Marking



AD: Date  
GN1M: Product No.