

| Order code | Manufacturer code | Description                              |
|------------|-------------------|------------------------------------------|
| 47-4344    | n/a               | SMCJ33CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4346    | n/a               | SMCJ40CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4290    | n/a               | SMCJ5.0A TVS DIODE UNIDIRECTIONAL SMC RC |
| 47-4300    | n/a               | SMCJ13A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4306    | n/a               | SMCJ22A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4332    | n/a               | SMCJ15CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4338    | n/a               | SMCJ24CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4350    | n/a               | REEL 3K SMCJ5.0A TVS DIODE UNIDIRECT RC  |
| 47-4358    | n/a               | REEL 3K SMCJ12A TVS DIODE UNIDIRECT RC   |
| 47-4364    | n/a               | REEL 3K SMCJ18A TVS DIODE UNIDIRECT RC   |
| 47-4382    | n/a               | REEL 3K SMCJ6.0CA TVS DIODE BIDIRECT RC  |
| 47-4388    | n/a               | REEL 3K SMCJ12CA TVS DIODE BIDIRECT RC   |
| 47-4394    | n/a               | REEL 3K SMCJ18CA TVS DIODE BIDIRECT RC   |
| 47-4400    | n/a               | REEL 3K SMCJ28CA TVS DIODE BIDIRECT RC   |
| 47-4402    | n/a               | REEL 3K SMCJ30CA TVS DIODE BIDIRECT RC   |
| 47-4408    | n/a               | REEL 3K SMCJ48CA TVS DIODE BIDIRECT RC   |
| 47-4292    | n/a               | SMCJ6.0A TVS DIODE UNIDIRECTIONAL SMC RC |
| 47-4294    | n/a               | SMCJ6.5A TVS DIODE UNIDIRECTIONAL SMC RC |
| 47-4296    | n/a               | SMCJ8.5A TVS DIODE UNIDIRECTIONAL SMC RC |
| 47-4298    | n/a               | SMCJ12A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4302    | n/a               | SMCJ15A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4308    | n/a               | SMCJ24A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4314    | n/a               | SMCJ33A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4316    | n/a               | SMCJ40A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4320    | n/a               | SMCJ5.0CA TVS DIODE BIDIRECTIONAL SMC RC |
| 47-4322    | n/a               | SMCJ6.0CA TVS DIODE BIDIRECTIONAL SMC RC |
| 47-4324    | n/a               | SMCJ6.5CA TVS DIODE BIDIRECTIONAL SMC RC |
| 47-4326    | n/a               | SMCJ8.5CA TVS DIODE BIDIRECTIONAL SMC RC |
| 47-4330    | n/a               | SMCJ13CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4334    | n/a               | SMCJ18CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4304    | n/a               | SMCJ18A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4312    | n/a               | SMCJ30A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4328    | n/a               | SMCJ12CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4340    | n/a               | SMCJ28CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4348    | n/a               | SMCJ48CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4356    | n/a               | REEL 3K SMCJ8.5A TVS DIODE UNIDIRECT RC  |
| 47-4360    | n/a               | REEL 3K SMCJ13A TVS DIODE UNIDIRECT RC   |
| 47-4362    | n/a               | REEL 3K SMCJ15A TVS DIODE UNIDIRECT RC   |
| 47-4366    | n/a               | REEL 3K SMCJ22A TVS DIODE UNIDIRECT RC   |
| 47-4370    | n/a               | REEL 3K SMCJ28A TVS DIODE UNIDIRECT RC   |
| 47-4372    | n/a               | REEL 3K SMCJ30A TVS DIODE UNIDIRECT RC   |
| 47-4374    | n/a               | REEL 3K SMCJ33A TVS DIODE UNIDIRECT RC   |
| 47-4378    | n/a               | REEL 3K SMCJ48A TVS DIODE UNIDIRECT RC   |
| 47-4384    | n/a               | REEL 3K SMCJ6.5CA TVS DIODE BIDIRECT RC  |
| 47-4386    | n/a               | REEL 3K SMCJ8.5CA TVS DIODE BIDIRECT RC  |
| 47-4390    | n/a               | REEL 3K SMCJ13CA TVS DIODE BIDIRECT RC   |

|                                                                                                                                                                                                    |                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E. | Page 1 of 6<br>Revision A<br>04/07/2003 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|

| Order code | Manufacturer code | Description                              |
|------------|-------------------|------------------------------------------|
| 47-4392    | n/a               | REEL 3K SMCJ15CA TVS DIODE BIDIRECT RC   |
| 47-4396    | n/a               | REEL 3K SMCJ22CA TVS DIODE BIDIRECT RC   |
| 47-4398    | n/a               | REEL 3K SMCJ24CA TVS DIODE BIDIRECT RC   |
| 47-4404    | n/a               | REEL 3K SMCJ33CA TVS DIODE BIDIRECT RC   |
| 47-4406    | n/a               | REEL 3K SMCJ40CA TVS DIODE BIDIRECT RC   |
| 47-4310    | n/a               | SMCJ28A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4318    | n/a               | SMCJ48A TVS DIODE UNIDIRECTIONAL SMC (RC |
| 47-4336    | n/a               | SMCJ22CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4342    | n/a               | SMCJ30CA TVS DIODE BIDIRECTIONAL SMC (RC |
| 47-4352    | n/a               | REEL 3K SMCJ6.0A TVS DIODE UNIDIRECT RC  |
| 47-4354    | n/a               | REEL 3K SMCJ6.5A TVS DIODE UNIDIRECT RC  |
| 47-4368    | n/a               | REEL 3K SMCJ24A TVS DIODE UNIDIRECT RC   |
| 47-4376    | n/a               | REEL 3K SMCJ40A TVS DIODE UNIDIRECT RC   |
| 47-4380    | n/a               | REEL 3K SMCJ5.0CA TVS DIODE BIDIRECT RC  |



**DC COMPONENTS CO., LTD.**

RECTIFIER SPECIALISTS

**SMCJ5.0  
THRU  
SMCJ170CA**

**TECHNICAL SPECIFICATIONS OF SURFACE MOUNT TRANSIENT VOLTAGE SUPPRESSOR**

**VOLTAGE RANGE - 5.0 to 170 Volts**

**PEAK PULSE POWER - 1500 Watts**

**FEATURES**

- \* Ideal for surface mounted applications
- \* Glass passivated junction
- \* 1500 Watts Peak Pulse Power capability on 10/1000  $\mu$ s waveform
- \* Excellent clamping capability
- \* Low zener impedance
- \* Fast response time

**MECHANICAL DATA**

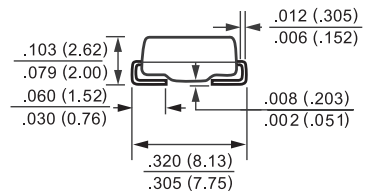
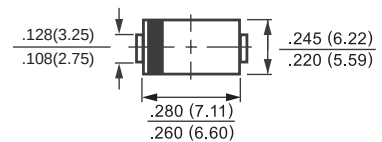
- \* Case: Molded plastic
- \* Epoxy: UL 94V-0 rate flame retardant
- \* Terminals: Solder plated, solderable per MIL-STD-750, Method 2026
- \* Polarity: Indicated by cathode band except Bidirectional types.
- \* Mounting position: Any
- \* Weight: 0.21 gram

**MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS**

Ratings at 25 °C ambient temperature unless otherwise specified.  
Single phase, half wave, 60 Hz, resistive or inductive load,



**SMC (DO-214AB)**



Dimensions in inches and (millimeters)

**DEVICES FOR BIPOLAR APPLICATIONS**

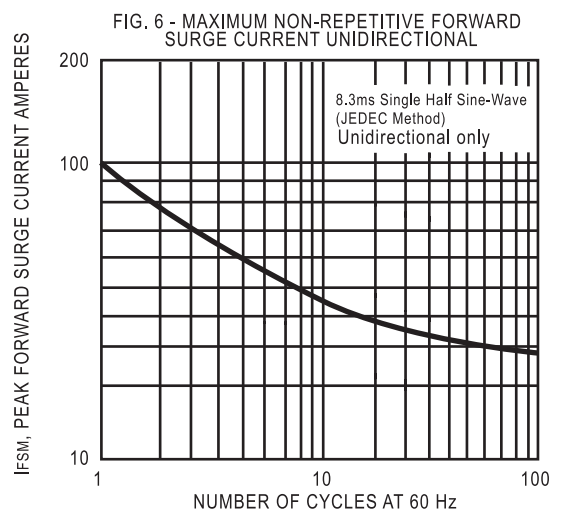
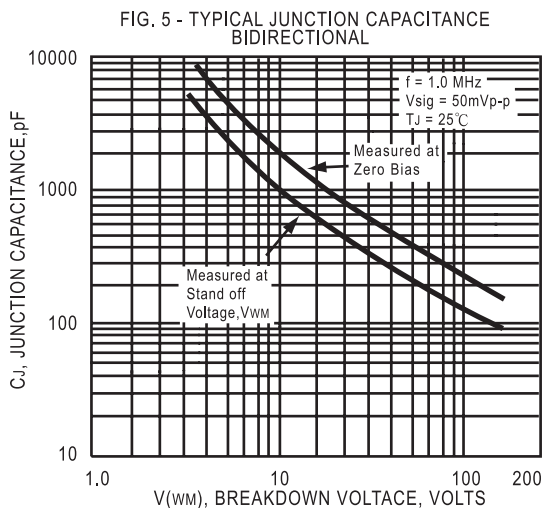
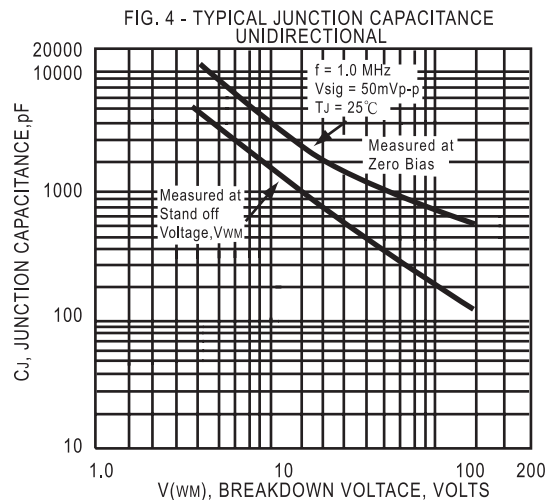
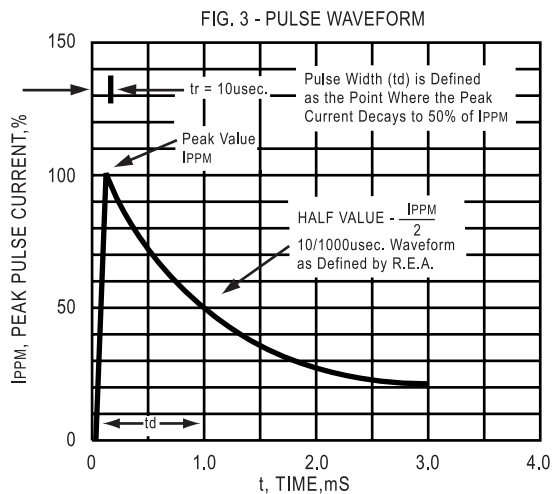
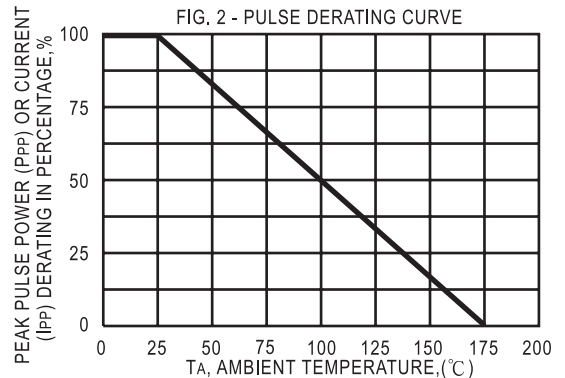
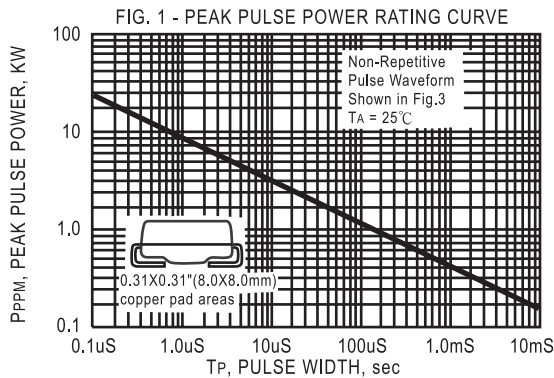
For Bidirectional use C or CA suffix (e.g. SMCJ5.0C, SMCJ170CA)

Electrical characteristics apply in both directions

|                                                                                                           | SYMBOL                            | VALUE        | UNITS |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------|--------------|-------|
| Peak Pulse Power Dissipation on 10/1000 $\mu$ s waveform (Note 1,2, Fig.1)                                | PPM                               | Minimum 1500 | Watts |
| Steady State Power Dissipation (Note 2)                                                                   | P <sub>M(AV)</sub>                | 5.0          | Watts |
| Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load (JEDEC method) (Note 3) | I <sub>FSM</sub>                  | 100          | Amps  |
| Operating and Storage Temperature Range                                                                   | T <sub>J</sub> , T <sub>STG</sub> | -55 to +150  | °C    |

NOTES : 1. Non-repetitive current pulse, per Fig.3 and derated above T<sub>A</sub> = 25°C per Fig.2.  
2. Mounted on 0.31 X 0.31" ( 8.0 X 8.0mm) copper pad to each terminal.  
3. 8.3ms single half sine-wave or equivalent square wave, duty cycle = 4 pulses per minute maximum.

# RATING AND CHARACTERISTIC CURVES ( SMCJ5.0 THRU SMCJ170CA )



DC COMPONENTS CO., LTD.

# SMCJ (1500W) SERIES TRANSIENT VOLTAGE SUPPRESSORS

| TYPE     | Breakdown Voltage |      |          | Reverse Stand off Voltage VWM (Volts) | Maximum Reverse Leakage at VWM ID(uA) | Maximum Peak Pulse Current IPPM (Amps) | Maximum Clamping Voltage at IPPM Vc (Volts) |
|----------|-------------------|------|----------|---------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------------|
|          | VBR (Volts)       |      | @IT (mA) |                                       |                                       |                                        |                                             |
|          | MIN.              | MAX. |          |                                       |                                       |                                        |                                             |
| SMCJ5.0  | 6.40              | 7.30 | 10       | 5.0                                   | 1000                                  | 164.0                                  | 9.6                                         |
| SMCJ5.0A | 6.40              | 7.00 | 10       | 5.0                                   | 1000                                  | 171.0                                  | 9.2                                         |
| SMCJ6.0  | 6.67              | 8.15 | 10       | 6.0                                   | 1000                                  | 138.0                                  | 11.4                                        |
| SMCJ6.0A | 6.67              | 7.37 | 10       | 6.0                                   | 1000                                  | 152.0                                  | 10.3                                        |
| SMCJ6.5  | 7.22              | 8.82 | 10       | 6.5                                   | 500.0                                 | 128.0                                  | 12.3                                        |
| SMCJ6.5A | 7.22              | 7.98 | 10       | 6.5                                   | 500.0                                 | 140.0                                  | 11.2                                        |
| SMCJ7.0  | 7.78              | 9.51 | 10       | 7.0                                   | 200.0                                 | 118.0                                  | 13.3                                        |
| SMCJ7.0A | 7.78              | 8.86 | 10       | 7.0                                   | 200.0                                 | 131.0                                  | 12.0                                        |
| SMCJ7.5  | 8.33              | 10.2 | 1.0      | 7.5                                   | 100.0                                 | 110.0                                  | 14.3                                        |
| SMCJ7.5A | 8.33              | 9.21 | 1.0      | 7.5                                   | 100.0                                 | 122.0                                  | 12.9                                        |
| SMCJ8.0  | 8.89              | 10.9 | 1.0      | 8.0                                   | 50.0                                  | 105.0                                  | 15.0                                        |
| SMCJ8.0A | 8.89              | 9.83 | 1.0      | 8.0                                   | 50.0                                  | 115.0                                  | 13.6                                        |
| SMCJ8.5  | 9.44              | 11.5 | 1.0      | 8.5                                   | 25                                    | 99.0                                   | 15.9                                        |
| SMCJ8.5A | 9.44              | 10.4 | 1.0      | 8.5                                   | 25                                    | 109.0                                  | 14.4                                        |
| SMCJ9.0  | 10.0              | 12.2 | 1.0      | 9.0                                   | 10                                    | 93.0                                   | 16.9                                        |
| SMCJ9.0A | 10.0              | 15.0 | 1.0      | 9.0                                   | 10                                    | 102.0                                  | 15.4                                        |
| SMCJ10   | 11.1              | 13.6 | 1.0      | 10.0                                  | 5.0                                   | 83.0                                   | 18.8                                        |
| SMCJ10A  | 11.1              | 12.3 | 1.0      | 10.0                                  | 5.0                                   | 92.0                                   | 17.0                                        |
| SMCJ11   | 12.2              | 14.9 | 1.0      | 11.0                                  | 5.0                                   | 78.0                                   | 20.1                                        |
| SMCJ11A  | 12.2              | 13.5 | 1.0      | 11.0                                  | 5.0                                   | 86.0                                   | 18.2                                        |
| SMCJ12   | 13.3              | 16.3 | 1.0      | 12.0                                  | 5.0                                   | 71.0                                   | 22.0                                        |
| SMCJ12A  | 13.3              | 14.7 | 1.0      | 12.0                                  | 5.0                                   | 79.0                                   | 19.9                                        |
| SMCJ13   | 14.4              | 17.6 | 1.0      | 13.0                                  | 5.0                                   | 66.0                                   | 23.8                                        |
| SMCJ13A  | 14.4              | 15.9 | 1.0      | 13.0                                  | 5.0                                   | 73.0                                   | 21.5                                        |
| SMCJ14   | 15.6              | 19.1 | 1.0      | 14.0                                  | 5.0                                   | 61.0                                   | 25.8                                        |
| SMCJ14A  | 15.6              | 17.2 | 1.0      | 14.0                                  | 5.0                                   | 67.0                                   | 23.2                                        |
| SMCJ15   | 16.7              | 20.4 | 1.0      | 15.0                                  | 5.0                                   | 58.0                                   | 26.9                                        |
| SMCJ15A  | 16.7              | 18.5 | 1.0      | 15.0                                  | 5.0                                   | 64.0                                   | 24.4                                        |
| SMCJ16   | 17.8              | 21.8 | 1.0      | 16.0                                  | 5.0                                   | 54.0                                   | 28.8                                        |
| SMCJ16A  | 17.8              | 19.7 | 1.0      | 16.0                                  | 5.0                                   | 60.0                                   | 26.0                                        |
| SMCJ17   | 18.9              | 23.1 | 1.0      | 17.0                                  | 5.0                                   | 51.0                                   | 30.5                                        |
| SMCJ17A  | 18.9              | 20.9 | 1.0      | 17.0                                  | 5.0                                   | 57.0                                   | 27.6                                        |
| SMCJ18   | 20.0              | 24.2 | 1.0      | 18.0                                  | 5.0                                   | 48.0                                   | 32.2                                        |
| SMCJ18A  | 20.0              | 22.1 | 1.0      | 18.0                                  | 5.0                                   | 53.0                                   | 29.2                                        |
| SMCJ20   | 22.2              | 27.1 | 1.0      | 20.0                                  | 5.0                                   | 43.0                                   | 35.8                                        |
| SMCJ20A  | 22.2              | 24.5 | 1.0      | 20.0                                  | 5.0                                   | 48.0                                   | 32.4                                        |
| SMCJ22   | 24.4              | 29.8 | 1.0      | 22.0                                  | 5.0                                   | 39.0                                   | 39.4                                        |
| SMCJ22A  | 24.4              | 26.9 | 1.0      | 22.0                                  | 5.0                                   | 44.0                                   | 35.5                                        |
| SMCJ24   | 26.7              | 32.6 | 1.0      | 24.0                                  | 5.0                                   | 36.0                                   | 43.0                                        |
| SMCJ24A  | 26.7              | 29.5 | 1.0      | 24.0                                  | 5.0                                   | 40.0                                   | 38.9                                        |
| SMCJ26   | 28.9              | 35.3 | 1.0      | 26.0                                  | 5.0                                   | 33.0                                   | 46.6                                        |
| SMCJ26A  | 28.9              | 31.9 | 1.0      | 26.0                                  | 5.0                                   | 37.0                                   | 42.1                                        |
| SMCJ28   | 31.1              | 38.0 | 1.0      | 28.0                                  | 5.0                                   | 31.0                                   | 50.1                                        |
| SMCJ28A  | 31.1              | 34.4 | 1.0      | 28.0                                  | 5.0                                   | 34.0                                   | 45.4                                        |
| SMCJ30   | 33.3              | 40.7 | 1.0      | 30.0                                  | 5.0                                   | 29.0                                   | 53.5                                        |
| SMCJ30A  | 33.3              | 36.8 | 1.0      | 30.0                                  | 5.0                                   | 32.0                                   | 48.4                                        |
| SMCJ33   | 36.7              | 44.9 | 1.0      | 33.0                                  | 5.0                                   | 26.0                                   | 59.0                                        |
| SMCJ33A  | 36.7              | 40.6 | 1.0      | 33.0                                  | 5.0                                   | 29.0                                   | 53.3                                        |
| SMCJ36   | 40.0              | 48.9 | 1.0      | 36.0                                  | 5.0                                   | 24.0                                   | 64.3                                        |
| SMCJ36A  | 40.0              | 44.2 | 1.0      | 36.0                                  | 5.0                                   | 27.0                                   | 58.1                                        |



DC COMPONENTS CO., LTD.

# SMCJ (1500W) SERIES TRANSIENT VOLTAGE SUPPRESSORS

| TYPE     | Breakdown Voltage |      |          | Reverse Stand off Voltage VWM (Volts) | Maximum Reverse Leakage at VWM Id(uA) | Maximum Peak Pulse Current IPPM (Amps) | Maximum Clamping Voltage at IPPM Vc (Volts) |
|----------|-------------------|------|----------|---------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------------|
|          | VBR (Volts)       |      | @IT (mA) |                                       |                                       |                                        |                                             |
|          | MIN.              | MAX. |          |                                       |                                       |                                        |                                             |
| SMCJ40   | 44.4              | 54.3 | 1.0      | 40                                    | 5.0                                   | 22.0                                   | 71.4                                        |
| SMCJ40A  | 44.4              | 49.1 | 1.0      | 40                                    | 5.0                                   | 24.0                                   | 64.5                                        |
| SMCJ43   | 47.8              | 58.4 | 1.0      | 43                                    | 5.0                                   | 20.0                                   | 76.7                                        |
| SMCJ43A  | 47.8              | 52.8 | 1.0      | 43                                    | 5.0                                   | 22.0                                   | 69.4                                        |
| SMCJ45   | 50.0              | 61.1 | 1.0      | 45                                    | 5.0                                   | 19.0                                   | 80.3                                        |
| SMCJ45A  | 50.0              | 55.3 | 1.0      | 45                                    | 5.0                                   | 21.0                                   | 72.7                                        |
| SMCJ48   | 53.3              | 65.1 | 1.0      | 48                                    | 5.0                                   | 18.0                                   | 85.5                                        |
| SMCJ48A  | 53.3              | 58.9 | 1.0      | 48                                    | 5.0                                   | 20.0                                   | 77.4                                        |
| SMCJ51   | 56.7              | 69.3 | 1.0      | 51                                    | 5.0                                   | 17.0                                   | 91.1                                        |
| SMCJ51A  | 56.7              | 62.7 | 1.0      | 51                                    | 5.0                                   | 19.0                                   | 82.4                                        |
| SMCJ54   | 60.0              | 73.3 | 1.0      | 54                                    | 5.0                                   | 16.0                                   | 96.3                                        |
| SMCJ54A  | 60.0              | 66.3 | 1.0      | 54                                    | 5.0                                   | 18.0                                   | 87.1                                        |
| SMCJ58   | 64.4              | 78.7 | 1.0      | 58                                    | 5.0                                   | 15.0                                   | 103                                         |
| SMCJ58A  | 64.4              | 71.2 | 1.0      | 58                                    | 5.0                                   | 16.0                                   | 93.6                                        |
| SMCJ60   | 66.7              | 81.5 | 1.0      | 60                                    | 5.0                                   | 14.0                                   | 107                                         |
| SMCJ60A  | 66.7              | 73.7 | 1.0      | 60                                    | 5.0                                   | 16.0                                   | 96.8                                        |
| SMCJ64   | 71.1              | 86.9 | 1.0      | 64                                    | 5.0                                   | 13.8                                   | 114                                         |
| SMCJ64A  | 71.1              | 78.6 | 1.0      | 64                                    | 5.0                                   | 15.0                                   | 103                                         |
| SMCJ70   | 77.8              | 95.1 | 1.0      | 70                                    | 5.0                                   | 12.6                                   | 125                                         |
| SMCJ70A  | 77.8              | 86.0 | 1.0      | 70                                    | 5.0                                   | 13.9                                   | 113                                         |
| SMCJ75   | 83.3              | 102  | 1.0      | 75                                    | 5.0                                   | 11.7                                   | 134                                         |
| SMCJ75A  | 83.3              | 92.1 | 1.0      | 75                                    | 5.0                                   | 13.0                                   | 121                                         |
| SMCJ78   | 86.7              | 106  | 1.0      | 78                                    | 5.0                                   | 11.3                                   | 139                                         |
| SMCJ78A  | 86.7              | 95.8 | 1.0      | 78                                    | 5.0                                   | 12.5                                   | 126                                         |
| SMCJ85   | 94.4              | 115  | 1.0      | 85                                    | 5.0                                   | 10.4                                   | 151                                         |
| SMCJ85A  | 94.4              | 104  | 1.0      | 85                                    | 5.0                                   | 11.5                                   | 137                                         |
| SMCJ90   | 100               | 122  | 1.0      | 90                                    | 5.0                                   | 9.8                                    | 160                                         |
| SMCJ90A  | 100               | 111  | 1.0      | 90                                    | 5.0                                   | 10.7                                   | 146                                         |
| SMCJ100  | 110               | 136  | 1.0      | 100                                   | 5.0                                   | 8.8                                    | 179                                         |
| SMCJ100A | 110               | 123  | 1.0      | 100                                   | 5.0                                   | 9.7                                    | 162                                         |
| SMCJ110  | 122               | 149  | 1.0      | 110                                   | 5.0                                   | 8.0                                    | 196                                         |
| SMCJ110A | 122               | 135  | 1.0      | 110                                   | 5.0                                   | 8.9                                    | 177                                         |
| SMCJ120  | 133               | 163  | 1.0      | 120                                   | 5.0                                   | 7.3                                    | 214                                         |
| SMCJ120A | 133               | 147  | 1.0      | 120                                   | 5.0                                   | 8.1                                    | 193                                         |
| SMCJ130  | 144               | 176  | 1.0      | 130                                   | 5.0                                   | 6.8                                    | 231                                         |
| SMCJ130A | 144               | 159  | 1.0      | 130                                   | 5.0                                   | 7.5                                    | 209                                         |
| SMCJ150  | 167               | 204  | 1.0      | 150                                   | 5.0                                   | 5.8                                    | 268                                         |
| SMCJ150A | 167               | 185  | 1.0      | 150                                   | 5.0                                   | 6.4                                    | 243                                         |
| SMCJ160  | 178               | 218  | 1.0      | 160                                   | 5.0                                   | 5.4                                    | 287                                         |
| SMCJ160A | 178               | 197  | 1.0      | 160                                   | 5.0                                   | 6.0                                    | 259                                         |
| SMCJ170  | 189               | 231  | 1.0      | 170                                   | 5.0                                   | 5.1                                    | 304                                         |
| SMCJ170A | 189               | 209  | 1.0      | 170                                   | 5.0                                   | 5.7                                    | 275                                         |

NOTES : 1.VBR measured after IT applied for 300 $\mu$ s. IT = Square Wave Pulse or equivalent.

2.For bidirectional use C or CA suffixs for all types (ex. SMCJ5.0C, SMCJ170CA). electrical characteristics apply in both directions.

3.For bidirectional types having VWM of 10 volts and less, the Id limit is doubled.



DC COMPONENTS CO., LTD.