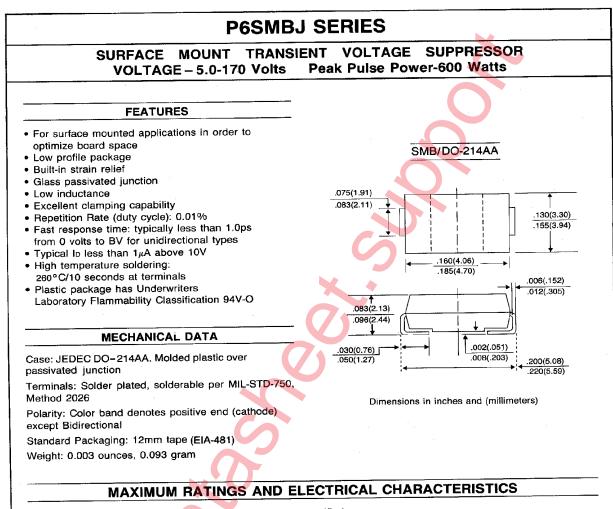
## 





Ratings at 25°C ambient temperature unless otherwise specified.

|   | SYMBOLS  | VALUE       | UNITS |
|---|----------|-------------|-------|
| Peak Pulse Power Dissipation on 10/1000µs waveform (Notes 1, 2, Fig. 1)   | Рерм     | Minimum 600 | Watts |
| Peak Pulse Current on 10/1000 µs waveform (Note 1, Fig. 3)  | IPPM     | See Table 1 | Amps  |
| Peak forward Surge Current 8.3ms single half sine-wave<br>superimposed on rated load (JEDEC Method) (Notes 2,3) | IFSM     | 100.0       | Amps  |
| Operating Junction and Storage Temperature Range  | TJ, TSTG | -55 to +150 | °C    |

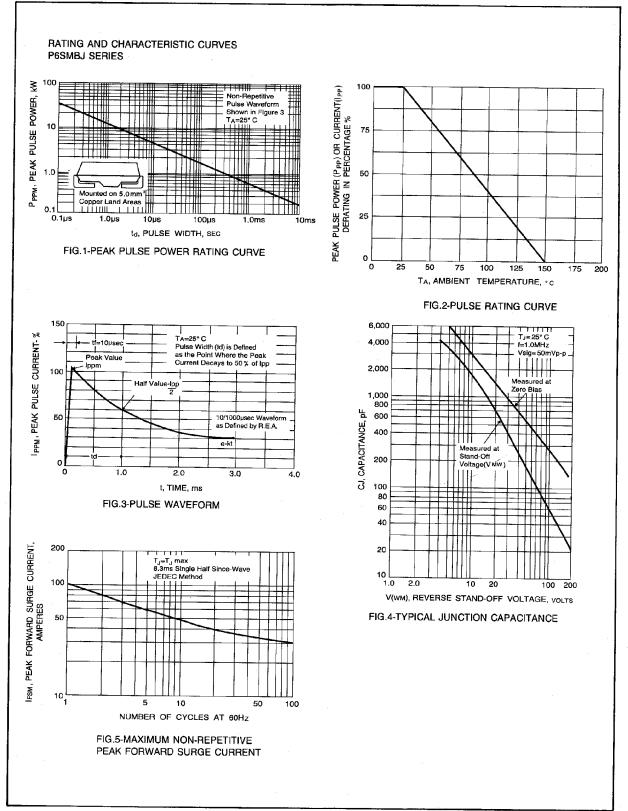
## NOTES:

1. Non-repetitive current pulse, per Fig.3 and derated above  $T_A = 25$  °C per Fig. 2.

- 2. Mounted on 5.0mm<sup>2</sup> (.013mm thick) land areas.
- 3. Measured on 8.3ms, single half sine-wave or equivalent square wave, duty cycle = 4 pulses per minute maximum.







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## **UNI-DIRECTIONAL 600 Watt Surface Mount TVS**

| JNI-DIRE                | CTION    | AL 600         | vvatt            | Surra          | ce mo   | <u>unt iv</u> | 3            |         |
|-------------------------|----------|----------------|------------------|----------------|---------|---------------|--------------|---------|
| UNI-DIRECTIONAL         | DEVICE   | REVERSE        | BREAKDOWN        | BREAKDOWN      | TEST    | MAXIMUM       | PEAK         | REVERSE |
| PART                    | MARKING  | STAND-OFF      | VOLTAGE          | VOLTAGE        | CURRENT | CLAMPING      | PULSE        | LEAKAGE |
| NUMBER                  | CODE     | VOLTAGE        | VBR (V)          | VBR (V)        | IT      | VOLTAGE       | CURRENT      | @VRWM   |
| ROMBER                  |          | VRWM (V)       | . MIN. @ Í⊺      | MAX. @ IT      | (mA)    | @lpp Vc (V)   | Ipp (A)      | IR (uA) |
|                         | KD       | 5.0            | 6.40             | 7.55           | 10      | 9.6           | 62.5         | 800     |
| P6SMBJ5.0               | KD<br>KE | 5.0            | 6.40             | 7.25           | 10      | 9.2           | 65.2         | 800     |
| P6SMBJ5.0A              | KE       | 6.0            | 6.67             | 8.45           | 10      | 11.4          | 52.6         | 800     |
| P6SMBJ6.0               | KG       | 6.0            | 6.67             | 7.67           | 10      | 10.3          | 58.3         | 800     |
| P6SMBJ6.0A              | KH       | 6.5            | 7.22             | 9.14           | 10      | 12.3          | 48.7         | 500     |
| P6SMBJ6.5               | KK       | 6.5            | 7.22             | 8.30           | 10      | 11.2          | 53.6         | 500     |
| P6SMBJ6.5A              | KL       | 7.0            | 7.78             | 9.86           | 10      | 13.3          | 45.1         | 200     |
| P6SMBJ7.0               |          | 7.0            | 7.78             | 8.95           | 10      | 12.0          | 50.0         | 200     |
| P6SMBJ7.0A              | KM       | 7.5            | 8.33             | 10.67          | 1       | 14.3          | 42.0         | 100     |
| P6SMBJ7.5               | KN       |                | 8.33             | 9.58           | 1 1     | 12.9          | 46.5         | 100     |
| P6SMBJ7.5A              | KP       | 7.5            | 8.89             | 11.30          | 1       | 15.0          | 40.0         | 50      |
| P6SMBJ8.0               | KQ       | 8.0            | 8.89             | 10.23          | · ·     | 13.6          | 44.1         | 50      |
| P6SMBJ8.0A              | KR       | 8.0            |                  | 11.92          |         | 15.9          | 37.7         | 10      |
| P6SMBJ8.5               | KS       | 8.5            | 9.44             |                |         | 14.4          | 41.7         | 10      |
| P6SMBJ8.5A              | KT       | 8.5            | 9.44             | 10.82<br>12.60 | 1 1     | 16.9          | 35.5         | 5       |
| P6SMBJ9.0               | ĸu       | 9.0            | 10.00            | 11.50          | · ·     | 15.4          | 39.0         | 5       |
| P6SMBJ9.0A              | KV       | 9.0            | 10.00            |                |         | 18.8          | 31.9         | 5       |
| P6SMBJ10                | KW       | 10.0           | 11.10            | 14.10          | . 1     | 17.0          | 35.3         | 5       |
| P6SMBJ10A               | KX       | 10.0           | 11.10            | 12.80          | 1       | 20.1          | 29.9         | 5       |
| P6SMBJ11                | KY       | 11.0           | 12.20            | 15.40<br>14.00 |         | 18.2          | 33.0         | 5       |
| P6SMBJ11A               | KZ       | 11.0           | 12.20            |                |         | 22.0          | 27.3         | 5       |
| P6SMBJ12                | LD       | 12.0           | 13.30            | 16.90          | 1       |               | 30.2         | 5       |
| P6SMBJ12A               | LE       | 12.0           | 13.30            | 15.30          | 1       | 19.9          | 25.2         | 5       |
| P6SMBJ13                | LF       | 13.0           | 14.40            | 18.20          | 1       | 23.8          | 27.9         | 5       |
| P6SMBJ13A               | LG       | 13.0           | 14.40            | 16.50          | 1       | 21.5          |              | 5       |
| P6SMBJ14                | Üн       | 14.0           | 15.60            | 19.80          |         | 25.8          | 23.3         |         |
| P6SMBJ14A               | LK       | 14.0           | 15.60            | 17.90          |         | 23.2          | 25.8<br>22.3 | 5       |
| P6SMBJ15                | LL       | 15.0           | 16.70            | 21.10          | 1       | 26.9          | 22.3         | 5       |
| P6SMBJ15A               | LM       | 15.0           | 16.70            | 19.20          | 1       | 24.4          |              |         |
| P6SMBJ16                | LN       | 16.0           | 17.80            | 22.60          | 1       | 28.8          | 20.8         | 5       |
| P6SMBJ16A               | LP       | 16.0           | 17.80            | 20.50          | 1       | 26.0          | 23.1         | 5       |
| P6SMBJ17                | LQ       | 17.0           | 18.90            | 23.90          | 1       | 30.5          | 19.7         | 5       |
| P6SMBJ17A               | LR .     | 17.0           | 18.90            | 21.70          | 1       | 27.6          | 21.7         | 5       |
| P6SMBJ18                | LS       | 18.0           | 20.00            | 25.30          | 1.      | 32.2          | 18.6         | 5       |
| P6SMBJ18A               | LT       | 18.0           | 20.00            | 23.30          | 1       | 29.2          | 20.5         | 5       |
| P6SMBJ20                | LU       | 20.0           | 22.20            | 28.10          | 1       | 35.8          | 16.7         | 5       |
| P6SMBJ20A               | LV       | 20.0           | 22.20            | 25.50          | 1       | 32.4          | 18.5         | 5       |
| P6SMBJ22                | LW       | 22.0           | 24.40            | 30.90          | 1       | 39.4          | 15.2         | -5      |
| P6SMBJ22A               | LX       | 22.0           | 24.40            | 28.00          | 1 1     | 35.5          | 16.9         | 5       |
| P6SMBJ24                | LŶ '     | 24.0           | 26.70            | 33.80          | 1       | 43.0          | 14.0         | 5       |
| P6SMBJ24A               | LZ       | 24.0           | 26,70            | 30.70          | 1       | 38.9          | 15.4         | 5       |
| P6SMBJ26                | MD       | 26.0           | 28.90            | 36.60          | 1       | 46.6          | 12.4         | 5       |
| P6SMBJ26<br>P6SMBJ26A   | ME       | 26.0           | 28.90            | 33.20          | 1 1     | 42.1          | 14.2         | 5.      |
| P6SMBJ26A<br>P6SMBJ28   | MF       | 28.0           | 31.10            | 39.40          | 1 1     | 50.0          | 12.0         | 5       |
| P6SMBJ28A               | MG       | 28.0           | 31.10            | 35.80          | 1       | 45.4          | 13.2         | 5       |
|                         | MH       | 30.0           | 33.30            | 42.20          | 1       | 53.5          | 11.2         | 5       |
| P6SMBJ30                | MK       | 30.0           | 33.30            | 38.30          | i       | 48.4          | 12.4         | 5       |
| P6SMBJ30A               | ML       | 33.0           | 36.70            | 46.50          | i i     | 59.0          | 10.2         | 5       |
| P6SMBJ33                |          | 33.0           | 36.70            | 42.20          | i       | 53.3          | 11.3         | 5       |
| P6SMBJ33A               | MM       |                | 40.00            | 50.70          | 1       | 64.3          | 9.3          | 5       |
| P6SMBJ36                | MN       | 36.0           | 40.00            | 46.00          | i i     | 58.1          | 10.3         | 5       |
| P6SMBJ36A               | MP       | 36.0           | 40.00            | 56.30          | 1       | 71.4          | 8.4          | 5       |
| P6SMBJ40                | MQ       | 40.0           | 44.40            | 51.10          | 1       | 64.5          | 9.3          | 5       |
| P6SMBJ40A               | MR       | 40.0           |                  | 60.50          | 1       | 76.7          | 7.8          | 5       |
| P6SMBJ43                | MS       | 43.0           | 47.80            |                |         | 69.4          | 8.6          | 5       |
| P6SMBJ43A               | MT       | 43.0           | 47.80            | 54.90          | 1       | 80.3          | 7.5          | 5       |
| P6SMBJ45                | MU       | 45.0           | 50.00            | 63.30          |         | 72.7          | 8.3          | 5       |
| P6SMBJ45A               | MV       | 45.0           | 50.00            | 57.50          | 1       |               | 7.0          | 5       |
| P6SMBJ48                | MW       | 48.0           | 53.30            | 67.50          | 1       | 85.5          | 7.7          | 5       |
| P6SMBJ48A               | MX       | 48.0           | 53.30            | 61.30          | 1       | 77.4          | 6.6          | 5       |
| P6SMBJ51                | MY       | 51.0           | 56.70            | 71.80          | 1       | 91.1<br>82.4  | 7.3          | 5       |
| P6SMBJ51A               | MZ       | 51.0           | 56.70            | 65.20          | 1       |               |              | 5       |
| P6SMBJ54                | ND       | 54.0           | 60.00            | 76.00          | 1       | 96.3          | 6.2          | 5       |
| P6SMBJ54A               | NE       | 54.0           | 60.00            | 69.00          | 1       | 87.1          | 6.9          | 5       |
| P6SMBJ58                | NF       | 58.0           | 64.40            | 81.60          | 1       | 103.0         | 5.8          | 5       |
| P6SMBJ58A               | NG       | 58.0           | 64.40            | 74.10          | 1       | 93.6          | 6.4          |         |
| P6SMBJ60                | NH       | .60.0          | 66.70            | 84.50          | 1       | 107.0         | 5.6          | 5       |
| P6SMBJ60A               | NK       | 60.0           | 66.70            | 76.70          | 1       | 96.8          | 6.2          | 5       |
| P6SMBJ64                | NL       | 64.0           | 71.10            | 90.10          | 1       | 114.0         | 5.3          | 5       |
| P6SMBJ64A               | NM       | 64.0           | 71.10            | 81.80          | 1       | 103.0         | 5.8          |         |
| P6SMBJ70                | NN       | 70.0           | 77.80            | 98.60          | 1       | 125.0         | 4.8          | 5       |
| P6SMBJ70A               | NP       | 70.0           | 77.80            | 89.50          | 1       | 113.0         | 5.3          | 5       |
| P6SMBJ75                | NQ       | 75.0           | 83.30            | 105.70         | 1       | 134.0         | 4.5          | 5       |
| P6SMBJ75A               | NR       | 75.0           | 83.30            | 95.80          | 1       | 121.0         | 4.9          | 5       |
| P6SMBJ78                | NS       | 78.0           | 86.70            | 109.80         | 1       | 139.0         | 4.3          | 5       |
| P6SMBJ78A               | NT       | 78.0           | 86.70            | 99.70          | 1       | 126.0         | 4.7          | 5       |
| P6SMBJ85                | NU       | 85.0           | 94.40            | 119.20         | 1       | 151.0         | 3.9          | 5       |
| P6SMBJ85A               | NV       | 85.0           | 94.40            | 108.20         | 1.      | 137.0         | 4.4          | 5       |
| P6SMBJ90                | NW       | 90.0           | 100.00           | 126.50         | 1       | 160.0         | 3.8          | 5       |
| P6SMBJ90A               | NX       | 90.0           | 100.00           | 115.50         | 1       | 146.0         | 4.1          | 5       |
| P6SMBJ100               | NY       | 100.0          | 111,00           | 141.00         | j - 1   | 179.0         | 3.4          | 5       |
| P6SMBJ100A              | NZ       | 100.0          | 111.00           | 128.00         | 1       | 162.0         | 3.7          | 5       |
| P6SMBJ110               | PD       | 110.0          | 122.00           | 154.50         | 1       | 196.0         | 3.0          | 5       |
| P6SMBJ110A              | PE       | 110.0          | 122.00           | 140.50         | 1 1     | 177.0         | 3.4          | 5       |
| P6SMBJ120               | PF       | 120.0          | 133.00           | 169.00         | 1       | 214.0         | 2.8          | 5       |
| P6SMBJ120               | PG       | 120.0          | 133.00           | 153.00         | 1       | 193.0         | 3.1          | 5       |
| P6SMBJ120A<br>P6SMBJ130 | PH       | 130.0          | 144.00           | 182.50         | 1       | 231.0         | 2.6          | 5       |
| P6SMBJ130<br>P6SMBJ130A | PH<br>PK | 130.0          | 144.00           | 165.50         | i -     | 209.0         | 2.9          | 5       |
|                         | PL PL    | 150.0          | 167.00           | 211.50         | 1       | 268.0         | 2.2          | 5       |
| P6SMBJ150               | PL       | 150.0          | 167.00           | 192.50         | i       | 243.0         | 2.5          | 5       |
| P6SMBJ150A              |          |                |                  | 226.00         | 1       | 287.0         | 2.1          | 5       |
| P6SMBJ160               | PN       | 160.0          | 178.00           |                |         | 259.0         | 2.3          | 5       |
| P6SMBJ160A              | PP       | 160.0          | 178.00<br>189.00 | 205.00         | 1       | 304.0         | 2.0          | 5       |
|                         |          |                |                  |                |         |               |              |         |
| P6SMBJ170<br>P6SMBJ170A | PQ<br>PR | 170.0<br>170.0 | 189.00           | 217.50         | 1 1     | 275.0         | 2.2          | 5       |

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## **BI-DIRECTIONAL 600 Watt Surface Mount TVS**

|   |  |  | vvall s  | Jullace  |  | IL IVS  |  |  |
|---|--|--|--|--|--|---|--|--|
| BI-DIRECTIONAL  | DEVICE   | REVERSE  | BREAKDOWN  | BREAKDOWN  | TEST   | MAXIMUM   | PEAK   | REVERSE  |
| PART  | MARKING  | STAND-OFF  | VOLTAGE  | VOLTAGE  | CURRENT  | CLAMPING  | PULSE  | LEAKAGE  |
| NUMBER  | CODE   | VOLTAGE  |  |  |  |   |  |  |
| NOMBER  | CODE   |  | VBR (V)  | VBR (V)  | IT   | VOLTAGE   | CURRENT  | @VRWM  |
|   |  | VRWM (V)   | MIN. @ IT  | MAX. @ IT  | (mA)   | @ipp Vc (V)   | lpp (A)  | IR (uA)  |
| P6SMBJ5.0C  | AD   | 5.0  | 6.40   | 7.55   | 10   | 9.6   | 62.5   | 1600   |
| P6SMBJ5.0CA   | AE   | 5.0  | 6.40   | 7.25   | 10   | 9.2   | 65.2   | 1600   |
| P6SMBJ6.0C  | AF   | 6.0  | 6.67   | 8.45   | 10   |   |  |  |
|   |  |  |  |  |  | 11.4  | 52.6   | 1600   |
| P6SMBJ6.0CA   | AG   | 6.0  | 6.67   | 7.67   | . 10   | 10.3  | 58.3   | 1600   |
| P6SMBJ6.5C  | AH   | 6.5  | 7.22   | 9,14   | 10   | 12.3  | 48.7   | 1000   |
| P6SMBJ6.5CA   | AK   | 6.5  | 7.22   | 8.30   | 10   | 11.2  | 53.6   | 1000   |
| P6SMBJ7.0C  | AL   | 7.0  | 7.78   |  |  |   |  |  |
|   |  |  |  | 9.86   | 10   | 13.3  | 45.1   | 400  |
| P6SMBJ7.0CA   | AM   | 7.0  | 7.78   | 8.95   | 10   | 12.0  | 50.0   | 400  |
| P6SMBJ7.5C  | AN   | 7.5  | 8.33   | 10.67  | 1  | 14.3  | 42.0   | 200  |
| P6SMBJ7.5CA   | AP   | 7.5  |  |  |  |   |  |  |
|   |  |  | 8.33   | 9.58   | 1  | 12.9  | 46.5   | 200  |
| P6SMBJ8.0C  | AQ   | 8.0  | 8.69   | 11.30  | . 1  | 15.0  | 40.0   | 100  |
| P6SMBJ8.0CA   | AR   | 8.0  | 8.89   | 10.23  | 1  | 13.6  | 44.1   | 100  |
| P6SMBJ8.5C  | AS   | 8.5  | 9.44   | 11.92  | 1  | 15.9  | 37.7   | 20   |
| P6SMBJ8.5CA   | AT   | 8.5  | 9.44   |  |  |   |  |  |
|   |  |  |  | 10.82  | 1  | 14.4  | 41.7   | 20   |
| P6SMBJ9.0C  | AU   | 9.0  | 10.00  | 12.60  | 1  | 16.9  | 35.5   | 10   |
| P6SMBJ9.0CA   | AV   | 9.0  | 10.00  | 11.50  | 1  | 15.4  | 39.0   | 10   |
| P6SMBJ10C   | AW   | 10.0   | 11.10  | 14.10  | 1  | 18.8  |  |  |
|   |  |  |  |  |  |   | 31.9   | 5  |
| P6SMBJ10CA  | AX   | 10.0   | 11.10  | 12.80  | 1  | 17.0  | 35.3   | 5  |
| P6SMBJ11C   | AY   | 11.0   | 12.20  | 15.40  | . 1  | 20.1  | 29.9   | 5  |
| P6SMBJ11CA  | AZ   | 11.0   | 12.20  | 14.00  | 1  | 18.2  | 33.0   | . 5  |
| P6SMBJ12C   | BD   |  |  |  | · · · · · · · · · · · · · · · · · · ·  |   |  |  |
|   |  | 12.0   | 13.30  | 16.90  | 1 · · ·  | 22.0  | 27.3   | 5  |
| P6SMBJ12CA  | BE   | 12.0   | 13.30  | 15.30  | 1  | 19.9  | 30.2   | 5  |
| P6SMBJ13C   | BF   | 13.0   | 14.40  | 18.20  | 1  | 23.8  | 25.2   | 5  |
| P6SMBJ13CA  | BG   | 13.0   | 14.40  | 16.50  | 1  |   |  |  |
|   |  |  |  |  |  | 21.5  | 27.9   | 5  |
| P6SMBJ14C   | BH   | 14.0   | 15.60  | 19.80  | 1  | 25.8  | 23.3   | 5  |
| P6SMBJ14CA  | BK   | 14.0   | 15.60  | 17.90  | 1  | 23.2  | 25.8   | 5  |
| P6SMBJ15C   | BL   | 15.0   | 16.70  | 21.10  | 1  | 26.9  | 22.3   | 5  |
| P6SMBJ15CA  | BM   | 15.0   | 16.70  | 19.20  | i  | 24.4  | 24.0   | 5  |
|   |  |  |  |  | -  |   |  |  |
| P6SMBJ16C   | BN   | 16.0   | 17.80  | 22.60  | 1  | 28.8  | 20.8   | 5  |
| P6SMBJ16CA  | BP   | 16.0   | 17.80  | 20.50  | 1  | 26.0  | 23.1   | 5  |
| P6SMBJ17C   | BQ   | 17.0   | 18.90  | 23.90  | 1  | 30.5  | 19.7   | 5  |
| P6SMBJ17CA  | BR   | 17.0   | 18.90  | 21.70  | 1  |   |  |  |
|   |  |  |  |  |  | 27.6  | 21.7   | 5  |
| P6SMBJ18C   | BS   | 18.0   | 20.00  | 25.30  | 1  | 32.2  | 18.6   | 5  |
| P6SMBJ18CA  | BT   | 18.0   | 20.00  | 23.30  | 1  | 29.2  | 20.5   | 5  |
| P6SMBJ20C   | BU   | 20.0   | 22.20  | 28.10  | · •  | 35.8  | 16.7   | 5  |
|   | вv   |  |  |  |  |   |  |  |
| P6SMBJ20CA  |  | 20.0   | 22.20  | 25.50  | 1  | . 32.4  | 18.5   | 5  |
| P6SMBJ22C   | BW   | 22.0   | 24,40  | 30.90  | 1  | 39.4  | 15.2   | 5  |
| P6SMBJ22CA  | BX   | 22.0   | 24.40  | 28.00  | -  | 35.5  | 16.9   | 5  |
|   |  |  |  |  |  |   |  |  |
| P6SMBJ24C   | BY   | 24.0   | 26.70  | 33.80  | 1  | 43.0  | 14.0   | 5  |
| P6SMBJ24CA  | BZ   | 24.0   | 26.70  | 30.70  | 1  | 38.9  | 15.4   | 5  |
| P6SMBJ26C   | CD   | 26.0   | 28.90  | 36.60  | 1  | 46.6  | 12.4   | 5  |
| P6SMBJ26CA  | ČE   | 26.0   | 28.90  | 33.20  |  | 42.1  | 14.2   |  |
|   |  |  |  |  | ,  |   |  | 5  |
| P6SMBJ28C   | CF   | 28.0   | 31.10  | 39.40  | 1  | 50.0  | 12.0   | 5  |
| P6SMBJ28CA  | CG   | 28.0   | 31.10  | 35.80  | 1  | 45.4  | 13.2   | 5  |
| P6SMBJ30C   | CH   | 30.0   | 33.30  | 42.20  | 1  | 53.5  | 11.2   | 5  |
| P6SMBJ30CA  | CK   | 30.0   | 33.30  | 38.30  | i  | 48.4  | 12.4   |  |
|   |  |  |  |  |  |   |  | 5  |
| P6SMBJ33C   | CL   | 33.0   | 36.70  | 46.50  | 1  | 59.0  | 10.2   | 5  |
| P6SMBJ33CA  | CM   | 33.0   | 36.70  | 42.20  | 1  | 53.3  | 11.3   | . 5  |
| P6SMBJ36C   | CN   | 36.0   | 40.00  | 50.70  | 1  | 64.3  | 9.3  | 5  |
| P6SMBJ36CA  | CP   |  |  |  |  |   |  |  |
|   |  | 36.0   | 40.00  | 46.00  | 1  | 58.1  | 10.3   | 5  |
| P6SMBJ40C   | CQ   | 40.0   | 44.40  | 56.30  | 1  | 71.4  | 8.4  | 5  |
| P6SMBJ40CA  | CR   | 40.0   | 44.40  | 51.10  | 1  | 64.5  | 9.3  | 5  |
| P6SMBJ43C   | CS   | 43.0   | 47.80  | 60.50  | 1  | 76.7  | 7.8  |  |
|   |  |  |  |  |  |   |  | 5  |
| P6SMBJ43CA  | СТ   | 43.0   | 47.80  | 54.90  | 1  | 69.4  | 8.6  | 5  |
| P6SMBJ45C   | CU   | 45.0   | 50.00  | 63.30  | 1  | 80.3  | 7.5  | 5  |
| P6SMBJ45CA  | CV   | 45.0   | 50.00  | 57.50  | 1  | 72.7  | 8.3  | 5  |
| P6SMBJ48C   | CW   | 48.0   |  |  | 1  |   |  |  |
|   |  |  | 53.30  | 67.50  |  | 85.5  | 7.0  | 5  |
| P6SMBJ48CA  | CX   | 48.0   | 53.30  | 61.30  | 1  | 77.4  | 7.7  | 5  |
| P6SMBJ51C   | CY   | 51.0   | 56.70  | 71.80  | 1  | 91.1  | 6.6  | 5  |
| P6SMBJ51CA  | cz   | 51.0   | 56.70  | 65.20  | i  | 82.4  | 7.3  | 5  |
| P6SMBJ54C   | DD   |  |  |  |  |   |  |  |
|   |  | 54.0   | 60.00  | 76.00  | 1  | 96.3  | 6.2  | 5  |
| P6SMBJ54CA  | DE   | 54.0   | 60.00  | 69.00  | 1  | 87.1  | 6.9  | 5  |
| P6SMBJ58C   | DF   | 58.0   | 64.40  | 81.60  | 1  | 103.0   | 5.8  | 5  |
| P6SMBJ58CA  | DG   | 58.0   | 64.40  | 74.10  | 1  | 93.6  | 6.4  | 5  |
| P6SMBJ60C   | DH   | 60.0   | 66.70  |  |  |   |  |  |
|   |  |  |  | 84.50  | 1  | 107.0   | 5.6  | 5  |
| P6SMBJ60CA  | DK.  | 60.0   | 66.70  | 76.70  | 1  | 96.8  | 6.2  | 5  |
| P6SMBJ64C   | DL   | 64.0   | 71.10  | 90.10  | 1  | 114.0   | 5.3  | 5  |
| P6SMBJ64CA  | DM   | 64.0   | 71.10  | 81.80  | i  | 103.0   | 5.8  | 5  |
| P6SMBJ70C   |  |  |  |  |  |   |  |  |
|   | DN   | 70.0   | 77.80  | 98.60  | 1  | 125.0   | 4.8  | 5  |
| P6SMBJ70CA  | DP   | 70.0   | 77.80  | 89.50  | 1  | 113.0   | - 5.3  | 5  |
| P6SMBJ75C   | DQ   | 75.0   | 83.30  | 105.70   | 1  | 134.0   | 4.5  | 5  |
| P6SMBJ75CA  | DR   | 75.0   | 83.30  | 95.80  | 1  | 121.0   | 4.9  | 5  |
| P6SMBJ78C   |  |  |  |  |  |   |  |  |
|   | DS   | 78.0   | 86.70  | 109.80   | 1  | 139.0   | 4.3  | 5  |
|   | DT   | 78.0   | 86.70  | 99.70  | 1  | 126.0   | 4.7  | 5  |
| P6SMBJ78CA  |  | 85.0   | 94.40  | 119.20   | 1  | 151.0   | 3.9  | 5  |
| P6SMBJ78CA<br>P6SMBJ85C   | DU   |  | 94.40  | 108.20   | 1  | 137.0   | 4.4  | 5  |
| P6SMBJ78CA<br>P6SMBJ85C   |  | 85.0   |  | 126.50   |  |   |  |  |
| P6SMBJ78CA<br>P6SMBJ85C<br>P6SMBJ85CA   | DV   | 85.0   | 100.00   |  |  |   | 3.8  | 5  |
| P6SMBJ78CA<br>P6SMBJ85C<br>P6SMBJ85CA<br>P6SMBJ90C  | DV<br>DW   | 90.0   | 100.00   |  |  | 160.0   |  |  |
| P6SMBJ78CA<br>P6SMBJ85C<br>P6SMBJ85CA<br>P6SMBJ90C<br>P6SMBJ90CA  |  | 90.0<br>90.0   | 100.00   | 115.50   | · 1  | 160.0<br>146.0  | 4.1  | 5  |
| P6SMBJ78CA<br>P6SMBJ85C<br>P6SMBJ85CA<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100C  | DV<br>DW   | 90.0   | 100.00   | 115.50   | - i  | 146.0   | 4.1  |  |
| P6SMBJ78CA<br>P6SMBJ85C<br>P6SMBJ85CA<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100C  | DV<br>DW<br>DX<br>DY   | 90.0<br>90.0<br>100.0  | 100.00<br>111.00   | 115.50<br>141.00   | 1  | 146.0<br>179.0  | 4.1<br>3.4   | 5  |
| P6SMBJ78CA<br>P6SMBJ85CA<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100C<br>P6SMBJ100CA  | DV<br>DW<br>DX<br>DY<br>DZ   | 90.0<br>90.0<br>100.0<br>100.0   | 100.00<br>111.00<br>111.00   | 115.50<br>141.00<br>128.00   | 1 1 1  | 146.0<br>179.0<br>162.0   | 4.1<br>3.4<br>3.7  | 5<br>5   |
| P6SMBJ78CA<br>P6SMBJ85CA<br>P6SMBJ85CA<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100C<br>P6SMBJ100CA<br>P6SMBJ110C  | DV<br>DW<br>DX<br>DY<br>DZ<br>ED   | 90.0<br>90.0<br>100.0<br>100.0<br>110.0  | 100.00<br>111.00<br>111.00<br>122.00   | 115.50<br>141.00<br>128.00<br>154.50   | 1<br>1<br>1<br>1   | 146.0<br>179.0<br>162.0<br>196.0  | 4.1<br>3.4<br>3.7<br>3.0   | 5<br>5<br>5  |
| P6SMBJ78CA<br>P6SMBJ85CA<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100C<br>P6SMBJ100CA  | DV<br>DW<br>DX<br>DY<br>DZ   | 90.0<br>90.0<br>100.0<br>100.0   | 100.00<br>111.00<br>111.00   | 115.50<br>141.00<br>128.00   | 1 1 1  | 146.0<br>179.0<br>162.0<br>196.0  | 4.1<br>3.4<br>3.7  | 5<br>5<br>5  |
| P6SMBJ78CA<br>P6SMBJ85CA<br>P6SMBJ90CA<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ110CA<br>P6SMBJ110CA  | DV<br>DW<br>DX<br>DY<br>DZ<br>ED<br>EE   | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>110.0   | 100.00<br>111.00<br>111.00<br>122.00<br>122.00   | 115.50<br>141.00<br>128.00<br>154.50<br>140.50   | 1<br>1<br>1<br>1<br>1  | 146.0<br>179.0<br>162.0<br>196.0<br>177.0   | 4.1<br>3.4<br>3.7<br>3.0<br>3.4  | 5<br>5<br>5<br>5   |
| P6SMBJ78CA<br>P6SMBJ8SC<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ110C<br>P6SMBJ110CA<br>P6SMBJ110CA<br>P6SMBJ120C  | DV<br>DW<br>DY<br>DZ<br>ED<br>EE<br>EF   | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>110.0<br>120.0  | 100.00<br>111.00<br>111.00<br>122.00<br>122.00<br>133.00   | 115.50<br>141.00<br>128.00<br>154.50<br>140.50<br>169.00   | 1<br>1<br>1<br>1<br>1<br>1   | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0  | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8   | 5<br>5<br>5<br>5<br>5  |
| P6SMBJ78CA<br>P6SMBJ85C<br>P6SMBJ90CA<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ110C<br>P6SMBJ110CA<br>P6SMBJ120CA<br>P6SMBJ120CA  | DV<br>DW<br>DY<br>DZ<br>ED<br>EE<br>EF<br>EG   | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>110.0<br>120.0<br>120.0                                     | 100.00<br>111.00<br>111.00<br>122.00<br>122.00<br>133.00<br>133.00   | 115.50<br>141.00<br>128.00<br>154.50<br>140.50<br>169.00<br>153.00   | 1<br>1<br>1<br>1<br>1<br>1<br>1  | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0<br>193.0   | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8<br>3.1  | 5<br>5<br>5<br>5<br>5<br>5<br>5  |
| P6SMBJ78CA<br>P6SMBJ85CA<br>P6SMBJ90CA<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ110CA<br>P6SMBJ110CA  | DV<br>DW<br>DY<br>DZ<br>ED<br>EE<br>EF   | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>110.0<br>120.0  | 100.00<br>111.00<br>111.00<br>122.00<br>122.00<br>133.00   | 115.50<br>141.00<br>128.00<br>154.50<br>140.50<br>169.00   | 1<br>1<br>1<br>1<br>1<br>1   | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0<br>193.0   | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8   | 5<br>5<br>5<br>5<br>5<br>5<br>5  |
| P6SMBJ78CA<br>P6SMBJ8SC<br>P6SMBJ90CA<br>P6SMBJ90CA<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ10CC<br>P6SMBJ110CA<br>P6SMBJ120C<br>P6SMBJ120CA<br>P6SMBJ120CA   | DV<br>DX<br>DY<br>DZ<br>ED<br>EE<br>EF<br>EG<br>EH                                     | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>110.0<br>120.0<br>120.0<br>130.0                            | 100.00<br>111.00<br>111.00<br>122.00<br>122.00<br>133.00<br>133.00<br>144.00   | 115.50<br>141.00<br>128.00<br>154.50<br>140.50<br>169.00<br>153.00<br>182.50   | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1   | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0<br>193.0<br>231.0  | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8<br>3.1<br>2.6   | 5<br>5<br>5<br>5<br>5<br>5<br>5  |
| P6SMBJ78CA<br>P6SMBJ85C<br>P6SMBJ85CA<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ110C<br>P6SMBJ110CA<br>P6SMBJ120CA<br>P6SMBJ120CA<br>P6SMBJ120CA<br>P6SMBJ130CA  | DV<br>DW<br>DX<br>DY<br>DZ<br>ED<br>EE<br>EF<br>EG<br>EH<br>EK                         | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>110.0<br>120.0<br>120.0<br>130.0                            | 100.00<br>111.00<br>111.00<br>122.00<br>133.00<br>133.00<br>144.00<br>144.00   | 115.50<br>141.00<br>128.00<br>154.50<br>140.50<br>169.00<br>153.00<br>182.50<br>165.50   | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0<br>193.0<br>231.0<br>209.0                                     | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8<br>3.1<br>2.6<br>2.9                                    | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5                          |
| PesmBJ78CA<br>PesmBJ85C<br>PesmBJ90C<br>PesmBJ90CA<br>PesmBJ90CA<br>PesmBJ100CA<br>PesmBJ10CA<br>PesmBJ10CA<br>PesmBJ120CA<br>PesmBJ120CA<br>PesmBJ130C<br>PesmBJ130CC<br>PesmBJ130CA<br>PesmBJ130CA              | DV<br>DW<br>DX<br>DY<br>ED<br>EF<br>EG<br>EH<br>EK<br>EL                               | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>120.0<br>120.0<br>120.0<br>130.0<br>130.0<br>150.0          | 100.00<br>111.00<br>111.00<br>122.00<br>133.00<br>133.00<br>144.00<br>144.00<br>167.00                               | 115.50<br>141.00<br>128.00<br>154.50<br>169.00<br>153.00<br>182.50<br>165.50<br>211.50   | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1                                    | 146.0<br>179.0<br>162.0<br>196.0<br>214.0<br>193.0<br>231.0<br>209.0<br>268.0                                     | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8<br>3.1<br>2.6<br>2.9<br>2.2                             | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5                          |
| P6SMBJ78CA<br>P6SMBJ8SC<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ120C<br>P6SMBJ120C<br>P6SMBJ120CA<br>P6SMBJ130CA<br>P6SMBJ130CA<br>P6SMBJ130CA<br>P6SMBJ150CA            | DV<br>DW<br>DX<br>DZ<br>ED<br>EF<br>EF<br>EG<br>EH<br>EK<br>EL<br>EL<br>EM             | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>110.0<br>120.0<br>120.0<br>130.0                            | 100.00<br>111.00<br>111.00<br>122.00<br>133.00<br>133.00<br>144.00<br>144.00   | 115.50<br>141.00<br>128.00<br>154.50<br>140.50<br>169.00<br>153.00<br>182.50<br>165.50   | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0<br>193.0<br>231.0<br>209.0                                     | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8<br>3.1<br>2.6<br>2.9                                    | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5                          |
| PesmBJ78CA<br>PesmBJ85C<br>PesmBJ90C<br>PesmBJ90CA<br>PesmBJ90CA<br>PesmBJ100CA<br>PesmBJ10CA<br>PesmBJ10CA<br>PesmBJ120CA<br>PesmBJ120CA<br>PesmBJ130C<br>PesmBJ130CC<br>PesmBJ130CA<br>PesmBJ130CA              | DV<br>DW<br>DX<br>DY<br>ED<br>EF<br>EG<br>EH<br>EK<br>EL                               | 90.0<br>90.0<br>100.0<br>100.0<br>110.0<br>120.0<br>120.0<br>120.0<br>130.0<br>130.0<br>150.0          | 100.00<br>111.00<br>111.00<br>122.00<br>133.00<br>133.00<br>144.00<br>144.00<br>167.00                               | 115.50<br>141.00<br>128.00<br>154.50<br>169.00<br>153.00<br>182.50<br>182.50<br>165.50<br>211.50<br>192.50                     | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1                     | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0<br>193.0<br>231.0<br>209.0<br>268.0<br>243.0                   | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8<br>3.1<br>2.6<br>2.9<br>2.9<br>2.2<br>2.5               | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5 |
| P6SMBJ78CA<br>P6SMBJ85CA<br>P6SMBJ90CA<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ110C<br>P6SMBJ110C<br>P6SMBJ120CA<br>P6SMBJ120CA<br>P6SMBJ130CA<br>P6SMBJ150CA<br>P6SMBJ150CA                         | DV<br>DW<br>DX<br>DY<br>ED<br>EF<br>EG<br>EH<br>EK<br>EL<br>EM<br>EM                   | 90.0<br>90.0<br>100.0<br>110.0<br>110.0<br>120.0<br>120.0<br>120.0<br>130.0<br>130.0<br>150.0<br>150.0 | 100.00<br>111.00<br>111.00<br>122.00<br>133.00<br>133.00<br>144.00<br>144.00<br>144.00<br>167.00<br>167.00<br>178.00 | 115.50<br>141.00<br>128.00<br>154.50<br>169.00<br>153.00<br>182.50<br>165.50<br>211.50<br>192.50<br>226.00                     | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1                     | 146.0<br>179.0<br>162.0<br>196.0<br>214.0<br>193.0<br>231.0<br>209.0<br>268.0<br>243.0<br>287.0                   | 4.1<br>3.4<br>3.7<br>3.0<br>2.8<br>3.1<br>2.8<br>2.9<br>2.2<br>2.9<br>2.2<br>2.5<br>2.1        | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5 |
| P6SMBJ78CA<br>P6SMBJ8SC<br>P6SMBJ90C<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ10CA<br>P6SMBJ120C<br>P6SMBJ120C<br>P6SMBJ120C<br>P6SMBJ130C<br>P6SMBJ130C<br>P6SMBJ150CA<br>P6SMBJ150CA<br>P6SMBJ150CA | DV<br>DW<br>DX<br>DZ<br>ED<br>EE<br>EF<br>EG<br>EG<br>EH<br>EK<br>EL<br>EM<br>EN<br>EN | 90.0<br>90.0<br>100.0<br>110.0<br>110.0<br>120.0<br>120.0<br>130.0<br>150.0<br>150.0<br>150.0<br>160.0 | 100.00<br>111.00<br>122.00<br>122.00<br>133.00<br>133.00<br>134.00<br>144.00<br>144.00<br>167.00<br>167.00<br>178.00 | 115.50<br>141.00<br>128.00<br>154.50<br>140.50<br>169.00<br>153.00<br>182.50<br>182.50<br>211.50<br>192.50<br>226.00<br>205.00 | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | 146.0<br>179.0<br>162.0<br>196.0<br>177.0<br>214.0<br>231.0<br>231.0<br>268.0<br>243.0<br>268.0<br>243.0<br>259.0 | 4.1<br>3.4<br>3.7<br>3.0<br>3.4<br>2.8<br>3.1<br>2.6<br>2.9<br>2.9<br>2.2<br>2.5<br>2.1<br>2.3 | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5 |
| P6SMBJ78CA<br>P6SMBJ85CA<br>P6SMBJ90CA<br>P6SMBJ90CA<br>P6SMBJ100CA<br>P6SMBJ100CA<br>P6SMBJ110C<br>P6SMBJ110C<br>P6SMBJ120CA<br>P6SMBJ120CA<br>P6SMBJ130CA<br>P6SMBJ150CA<br>P6SMBJ150CA                         | DV<br>DW<br>DX<br>DY<br>ED<br>EF<br>EG<br>EH<br>EK<br>EL<br>EM<br>EM                   | 90.0<br>90.0<br>100.0<br>110.0<br>110.0<br>120.0<br>120.0<br>120.0<br>130.0<br>130.0<br>150.0<br>150.0 | 100.00<br>111.00<br>111.00<br>122.00<br>133.00<br>133.00<br>144.00<br>144.00<br>144.00<br>167.00<br>167.00<br>178.00 | 115.50<br>141.00<br>128.00<br>154.50<br>169.00<br>153.00<br>182.50<br>165.50<br>211.50<br>192.50<br>226.00                     | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1                     | 146.0<br>179.0<br>162.0<br>196.0<br>214.0<br>193.0<br>231.0<br>209.0<br>268.0<br>243.0<br>287.0                   | 4.1<br>3.4<br>3.7<br>3.0<br>2.8<br>3.1<br>2.8<br>2.9<br>2.2<br>2.9<br>2.2<br>2.5<br>2.1        | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5      |

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