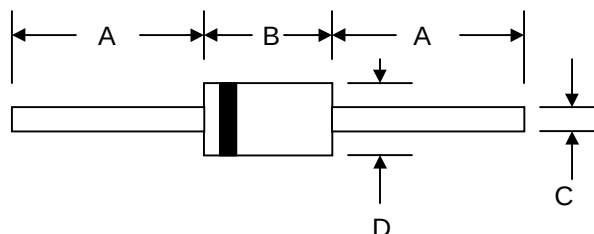


### Features

- Glass Passivated Die Construction
- 600W Peak Pulse Power Dissipation
- 6.8V – 440V Standoff Voltage
- Uni- and Bi-Directional Versions Available
- Excellent Clamping Capability
- Fast Response Time
- Plastic Case Material has UL Flammability Classification Rating 94V-O



### Mechanical Data

- Case: JEDEC DO-15 Low Profile Molded Plastic
- Terminals: Axial Leads, Solderable per MIL-STD-202, Method 208
- Polarity: Cathode Band or Cathode Notch
- Marking:  
Unidirectional – Device Code and Cathode Band  
Bidirectional – Device Code Only
- Weight: 0.40 grams (approx.)

| DO-15                |      |       |
|----------------------|------|-------|
| Dim                  | Min  | Max   |
| A                    | 25.4 | —     |
| B                    | 5.50 | 7.62  |
| C                    | 0.71 | 0.864 |
| D                    | 2.60 | 3.60  |
| All Dimensions in mm |      |       |

"C" Suffix Designates Bi-directional Devices  
 "A" Suffix Designates 5% Tolerance Devices  
 No Suffix Designates 10% Tolerance Devices

### Maximum Ratings and Electrical Characteristics @T<sub>A</sub>=25°C unless otherwise specified

| Characteristic                                                                | Symbol                            | Value       | Unit |
|-------------------------------------------------------------------------------|-----------------------------------|-------------|------|
| Peak Pulse Power Dissipation at T <sub>A</sub> = 25°C (Note 1, 2, 5) Figure 3 | P <sub>PPM</sub>                  | 600 Minimum | W    |
| Peak Forward Surge Current (Note 3)                                           | I <sub>FSM</sub>                  | 100         | A    |
| Peak Pulse Current on 10/1000μS Waveform (Note 1) Figure 1                    | I <sub>PPM</sub>                  | See Table 1 | A    |
| Steady State Power Dissipation (Note 2, 4)                                    | P <sub>M(AV)</sub>                | 5.0         | W    |
| Operating and Storage Temperature Range                                       | T <sub>J</sub> , T <sub>STG</sub> | -65 to +175 | °C   |

Note: 1. Non-repetitive current pulse, per Figure 1 and derated above T<sub>A</sub> = 25°C per Figure 4.  
 2. Mounted on 40mm<sup>2</sup> copper pad.  
 3. 8.3ms single half sine-wave duty cycle = 4 pulses per minutes maximum.  
 4. Lead temperature at 75°C = T<sub>L</sub>.  
 5. Peak pulse power waveform is 10/1000μS.

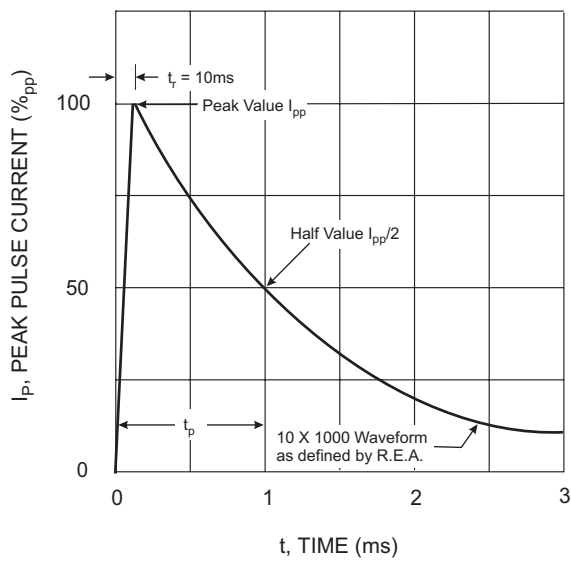


Fig. 1 Pulse Waveform

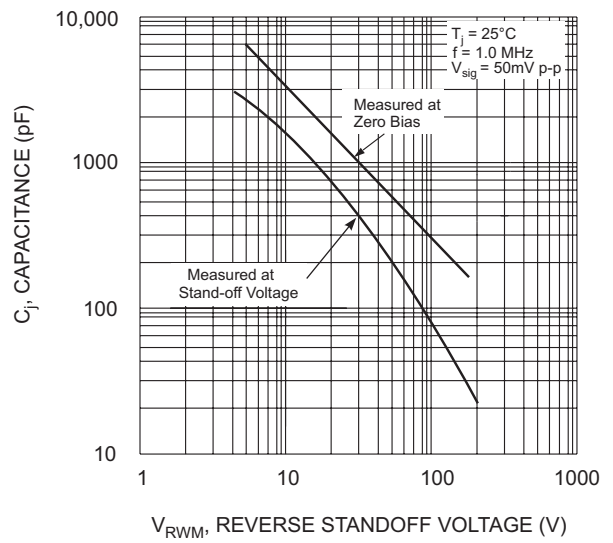


Fig. 2 Typical Junction Capacitance

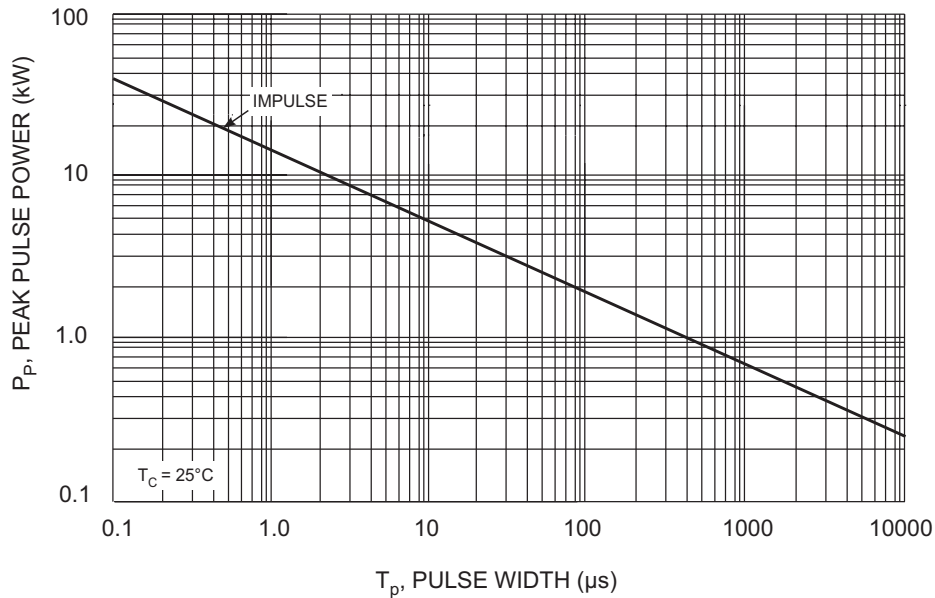


Fig. 3 Pulse Rating Curve

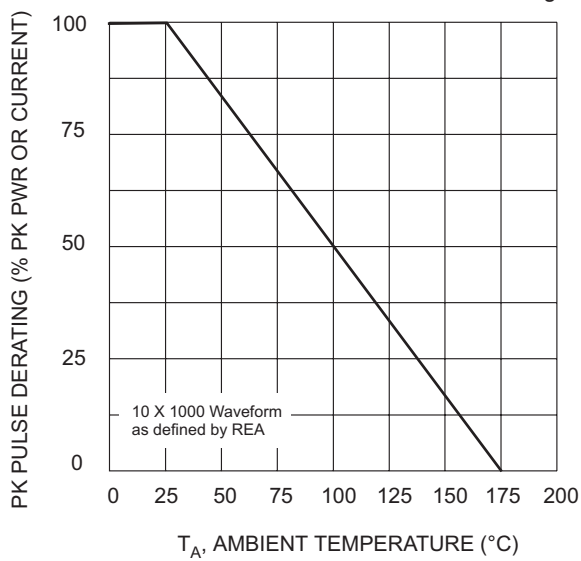


Fig. 4 Pulse Derating Curve

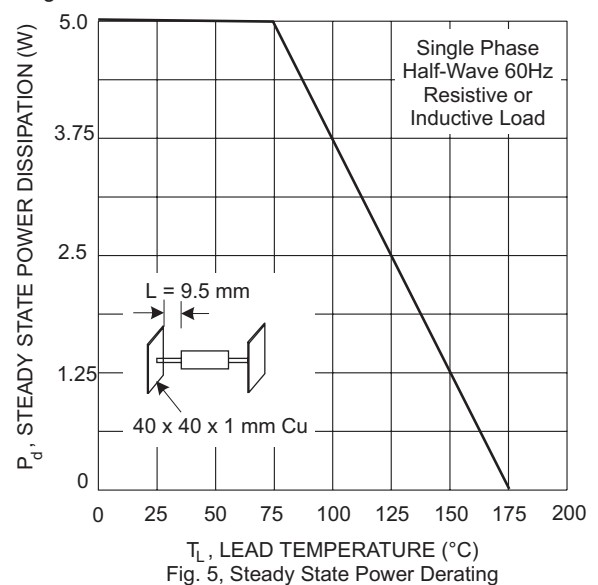


Fig. 5, Steady State Power Derating

## UNI-DIRECTIONAL 600 WATT AXIAL LEAD TVS

| UNI-DIRECTIONAL<br>PART NUMBER | REVERSE<br>STAND-OFF<br>VOLTAGE VRWM (V) | BREAKDOWN<br>VOLTAGE<br>VBR (V) MIN. @IT | BREAKDOWN<br>VOLTAGE<br>VBR (V) MAX. @IT | TEST<br>CURRENT<br>IT (mA) | MAXIMUM CLAMPING<br>VOLTAGE @Ipp Vc (V) | PEAK PULSE<br>CURRENT<br>Ipp (A) | REVERSE<br>LEAKAGE<br>@VRWM IR (uA) |
|--------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|----------------------------|-----------------------------------------|----------------------------------|-------------------------------------|
| P6KE6.8                        | 5.50                                     | 6.12                                     | 7.48                                     | 10                         | 10.8                                    | 56.00                            | 1000                                |
| P6KE6.8A                       | 5.80                                     | 6.45                                     | 7.14                                     | 10                         | 10.5                                    | 57.00                            | 1000                                |
| P6KE7.5                        | 6.05                                     | 6.75                                     | 8.25                                     | 10                         | 11.7                                    | 51.00                            | 500                                 |
| P6KE7.5A                       | 6.40                                     | 7.13                                     | 7.88                                     | 10                         | 11.3                                    | 53.00                            | 500                                 |
| P6KE8.2                        | 6.63                                     | 7.38                                     | 9.02                                     | 10                         | 12.5                                    | 48.00                            | 200                                 |
| P6KE8.2A                       | 7.02                                     | 7.79                                     | 8.61                                     | 10                         | 12.1                                    | 50.00                            | 200                                 |
| P6KE9.1                        | 7.37                                     | 8.19                                     | 10.00                                    | 1                          | 13.8                                    | 44.00                            | 50                                  |
| P6KE9.1A                       | 7.78                                     | 8.65                                     | 9.50                                     | 1                          | 13.4                                    | 45.00                            | 50                                  |
| P6KE10                         | 8.10                                     | 9.00                                     | 11.00                                    | 1                          | 15.0                                    | 40.00                            | 10                                  |
| P6KE10A                        | 8.55                                     | 9.50                                     | 10.50                                    | 1                          | 14.5                                    | 41.00                            | 10                                  |
| P6KE11                         | 8.92                                     | 9.90                                     | 12.10                                    | 1                          | 16.2                                    | 37.00                            | 5                                   |
| P6KE11A                        | 9.40                                     | 10.50                                    | 11.60                                    | 1                          | 15.6                                    | 38.00                            | 5                                   |
| P6KE12                         | 9.72                                     | 10.80                                    | 13.20                                    | 1                          | 17.3                                    | 35.00                            | 5                                   |
| P6KE12A                        | 10.20                                    | 11.40                                    | 12.60                                    | 1                          | 16.7                                    | 36.00                            | 5                                   |
| P6KE13                         | 10.50                                    | 11.70                                    | 14.30                                    | 1                          | 19.0                                    | 32.00                            | 5                                   |
| P6KE13A                        | 11.10                                    | 12.40                                    | 13.70                                    | 1                          | 18.2                                    | 33.00                            | 5                                   |
| P6KE15                         | 12.10                                    | 13.50                                    | 16.50                                    | 1                          | 22.0                                    | 27.00                            | 5                                   |
| P6KE15A                        | 12.80                                    | 14.30                                    | 15.80                                    | 1                          | 21.2                                    | 28.00                            | 5                                   |
| P6KE16                         | 12.90                                    | 14.40                                    | 17.60                                    | 1                          | 23.5                                    | 26.00                            | 5                                   |
| P6KE16A                        | 13.60                                    | 15.20                                    | 16.80                                    | 1                          | 22.5                                    | 27.00                            | 5                                   |
| P6KE18                         | 14.50                                    | 16.20                                    | 19.80                                    | 1                          | 26.5                                    | 23.00                            | 5                                   |
| P6KE18A                        | 15.30                                    | 17.10                                    | 18.90                                    | 1                          | 25.2                                    | 24.00                            | 5                                   |
| P6KE20                         | 16.20                                    | 18.00                                    | 22.00                                    | 1                          | 29.1                                    | 21.00                            | 5                                   |
| P6KE20A                        | 17.10                                    | 19.00                                    | 21.00                                    | 1                          | 27.7                                    | 22.00                            | 5                                   |
| P6KE22                         | 17.80                                    | 19.80                                    | 24.20                                    | 1                          | 31.9                                    | 19.00                            | 5                                   |
| P6KE22A                        | 18.80                                    | 20.90                                    | 23.10                                    | 1                          | 30.6                                    | 20.00                            | 5                                   |
| P6KE24                         | 19.40                                    | 21.60                                    | 26.40                                    | 1                          | 34.7                                    | 17.00                            | 5                                   |
| P6KE24A                        | 20.50                                    | 22.80                                    | 25.20                                    | 1                          | 33.2                                    | 18.00                            | 5                                   |
| P6KE27                         | 21.80                                    | 24.30                                    | 29.70                                    | 1                          | 39.1                                    | 15.00                            | 5                                   |
| P6KE27A                        | 23.10                                    | 25.70                                    | 28.40                                    | 1                          | 37.5                                    | 16.20                            | 5                                   |
| P6KE30                         | 24.30                                    | 27.00                                    | 33.00                                    | 1                          | 43.5                                    | 14.00                            | 5                                   |
| P6KE30A                        | 25.60                                    | 28.50                                    | 31.50                                    | 1                          | 41.4                                    | 14.00                            | 5                                   |
| P6KE33                         | 26.80                                    | 29.70                                    | 36.30                                    | 1                          | 47.7                                    | 12.60                            | 5                                   |
| P6KE33A                        | 28.20                                    | 31.40                                    | 34.70                                    | 1                          | 45.7                                    | 13.20                            | 5                                   |
| P6KE36                         | 29.10                                    | 32.40                                    | 39.60                                    | 1                          | 52.0                                    | 11.60                            | 5                                   |
| P6KE36A                        | 30.80                                    | 34.20                                    | 37.80                                    | 1                          | 49.9                                    | 12.00                            | 5                                   |
| P6KE39                         | 31.60                                    | 35.10                                    | 42.90                                    | 1                          | 56.4                                    | 10.60                            | 5                                   |
| P6KE39A                        | 33.30                                    | 37.10                                    | 41.00                                    | 1                          | 53.9                                    | 11.20                            | 5                                   |
| P6KE43                         | 34.80                                    | 38.70                                    | 47.30                                    | 1                          | 61.9                                    | 9.60                             | 5                                   |
| P6KE43A                        | 36.80                                    | 40.90                                    | 45.20                                    | 1                          | 59.3                                    | 10.10                            | 5                                   |
| P6KE47                         | 38.10                                    | 42.30                                    | 51.70                                    | 1                          | 67.8                                    | 8.90                             | 5                                   |
| P6KE47A                        | 40.20                                    | 44.70                                    | 49.40                                    | 1                          | 64.8                                    | 9.30                             | 5                                   |
| P6KE51                         | 41.30                                    | 45.90                                    | 56.10                                    | 1                          | 73.5                                    | 8.20                             | 5                                   |
| P6KE51A                        | 43.60                                    | 48.50                                    | 53.60                                    | 1                          | 70.1                                    | 8.60                             | 5                                   |
| P6KE56                         | 45.60                                    | 50.40                                    | 61.60                                    | 1                          | 80.5                                    | 7.40                             | 5                                   |
| P6KE56A                        | 47.80                                    | 53.20                                    | 58.80                                    | 1                          | 77.0                                    | 7.80                             | 5                                   |
| P6KE62                         | 50.20                                    | 55.80                                    | 68.20                                    | 1                          | 89.0                                    | 6.80                             | 5                                   |
| P6KE62A                        | 53.00                                    | 58.90                                    | 65.10                                    | 1                          | 85.0                                    | 7.10                             | 5                                   |
| P6KE68                         | 55.10                                    | 61.20                                    | 74.80                                    | 1                          | 98.0                                    | 6.10                             | 5                                   |
| P6KE68A                        | 58.10                                    | 64.60                                    | 71.40                                    | 1                          | 92.0                                    | 6.50                             | 5                                   |
| P6KE75                         | 60.70                                    | 67.50                                    | 82.50                                    | 1                          | 108.0                                   | 5.50                             | 5                                   |
| P6KE75A                        | 64.10                                    | 71.30                                    | 78.80                                    | 1                          | 103.0                                   | 5.80                             | 5                                   |
| P6KE82                         | 66.40                                    | 73.80                                    | 90.20                                    | 1                          | 118.0                                   | 5.10                             | 5                                   |
| P6KE82A                        | 70.10                                    | 77.90                                    | 86.10                                    | 1                          | 113.0                                   | 5.30                             | 5                                   |
| P6KE91                         | 73.70                                    | 81.90                                    | 100.00                                   | 1                          | 131.0                                   | 4.50                             | 5                                   |
| P6KE91A                        | 77.80                                    | 86.50                                    | 95.50                                    | 1                          | 125.0                                   | 4.80                             | 5                                   |
| P6KE100                        | 81.00                                    | 90.00                                    | 110.00                                   | 1                          | 144.0                                   | 4.20                             | 5                                   |
| P6KE100A                       | 85.50                                    | 95.00                                    | 105.00                                   | 1                          | 137.0                                   | 4.40                             | 5                                   |
| P6KE110                        | 89.20                                    | 99.00                                    | 121.00                                   | 1                          | 158.0                                   | 3.80                             | 5                                   |
| P6KE110A                       | 94.00                                    | 105.00                                   | 116.00                                   | 1                          | 152.0                                   | 4.00                             | 5                                   |
| P6KE120                        | 97.20                                    | 108.00                                   | 132.00                                   | 1                          | 173.0                                   | 3.50                             | 5                                   |
| P6KE120A                       | 102.00                                   | 114.00                                   | 126.00                                   | 1                          | 165.0                                   | 3.60                             | 5                                   |
| P6KE130                        | 105.00                                   | 117.00                                   | 143.00                                   | 1                          | 187.0                                   | 3.20                             | 5                                   |
| P6KE130A                       | 111.00                                   | 124.00                                   | 137.00                                   | 1                          | 179.0                                   | 3.30                             | 5                                   |
| P6KE150                        | 121.00                                   | 135.00                                   | 165.00                                   | 1                          | 215.0                                   | 2.80                             | 5                                   |
| P6KE150A                       | 128.00                                   | 143.00                                   | 158.00                                   | 1                          | 207.0                                   | 2.90                             | 5                                   |
| P6KE160                        | 130.00                                   | 144.00                                   | 176.00                                   | 1                          | 230.0                                   | 2.60                             | 5                                   |
| P6KE160A                       | 136.00                                   | 152.00                                   | 168.00                                   | 1                          | 219.0                                   | 2.70                             | 5                                   |
| P6KE170                        | 138.00                                   | 153.00                                   | 187.00                                   | 1                          | 244.0                                   | 2.50                             | 5                                   |
| P6KE170A                       | 145.00                                   | 162.00                                   | 179.00                                   | 1                          | 234.0                                   | 2.60                             | 5                                   |
| P6KE180                        | 146.00                                   | 162.00                                   | 198.00                                   | 1                          | 258.0                                   | 2.30                             | 5                                   |
| P6KE180A                       | 154.00                                   | 171.00                                   | 189.00                                   | 1                          | 246.0                                   | 2.40                             | 5                                   |
| P6KE200                        | 162.00                                   | 180.00                                   | 220.00                                   | 1                          | 287.0                                   | 2.10                             | 5                                   |
| P6KE200A                       | 171.00                                   | 190.00                                   | 210.00                                   | 1                          | 274.0                                   | 2.20                             | 5                                   |
| P6KE220                        | 175.00                                   | 198.00                                   | 242.00                                   | 1                          | 344.0                                   | 2.00                             | 5                                   |
| P6KE220A                       | 185.00                                   | 209.00                                   | 231.00                                   | 1                          | 328.0                                   | 2.00                             | 5                                   |
| P6KE250                        | 202.00                                   | 225.00                                   | 275.00                                   | 1                          | 360.0                                   | 2.00                             | 5                                   |
| P6KE250A                       | 214.00                                   | 237.00                                   | 263.00                                   | 1                          | 344.0                                   | 2.00                             | 5                                   |
| P6KE300                        | 243.00                                   | 270.00                                   | 330.00                                   | 1                          | 430.0                                   | 2.00                             | 5                                   |
| P6KE300A                       | 256.00                                   | 285.00                                   | 315.00                                   | 1                          | 414.0                                   | 2.00                             | 5                                   |
| P6KE350                        | 284.00                                   | 315.00                                   | 385.00                                   | 1                          | 504.0                                   | 2.00                             | 5                                   |
| P6KE350A                       | 300.00                                   | 332.00                                   | 368.00                                   | 1                          | 482.0                                   | 2.00                             | 5                                   |
| P6KE400                        | 324.00                                   | 360.00                                   | 440.00                                   | 1                          | 574.0                                   | 2.00                             | 5                                   |
| P6KE400A                       | 342.00                                   | 380.00                                   | 420.00                                   | 1                          | 548.0                                   | 2.00                             | 5                                   |
| P6KE440                        | 356.00                                   | 396.00                                   | 484.00                                   | 1                          | 631.0                                   | 2.00                             | 5                                   |
| P6KE440A                       | 376.00                                   | 418.00                                   | 462.00                                   | 1                          | 600.0                                   | 2.00                             | 5                                   |

## BI-DIRECTIONAL 600 WATT AXIAL LEAD TVS

| BI-DIRECTIONAL<br>PART NUMBER | REVERSE<br>STAND-OFF<br>VOLTAGE VRWM (V) | BREAKDOWN<br>VOLTAGE<br>VBR (V) MIN. @IT | BREAKDOWN<br>VOLTAGE<br>VBR (V) MAX. @IT | TEST<br>CURRENT<br>IT (mA) | MAXIMUM CLAMPING<br>VOLTAGE @Ipp Vc (V) | PEAK PULSE<br>CURRENT<br>Ipp (A) | REVERSE<br>LEAKAGE<br>@VRWM IR (uA) |
|-------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|----------------------------|-----------------------------------------|----------------------------------|-------------------------------------|
| P6KE6.8C                      | 5.50                                     | 6.12                                     | 7.48                                     | 10                         | 10.8                                    | 56.00                            | 2000                                |
| P6KE6.8CA                     | 5.80                                     | 6.45                                     | 7.14                                     | 10                         | 10.5                                    | 57.00                            | 2000                                |
| P6KE7.5C                      | 6.05                                     | 6.75                                     | 8.25                                     | 10                         | 11.7                                    | 51.00                            | 1000                                |
| P6KE7.5CA                     | 6.40                                     | 7.13                                     | 7.88                                     | 10                         | 11.3                                    | 53.00                            | 1000                                |
| P6KE8.2C                      | 6.63                                     | 7.38                                     | 9.02                                     | 10                         | 12.5                                    | 48.00                            | 400                                 |
| P6KE8.2CA                     | 7.02                                     | 7.79                                     | 8.61                                     | 10                         | 12.1                                    | 50.00                            | 400                                 |
| P6KE9.1C                      | 7.37                                     | 8.19                                     | 10.00                                    | 1                          | 13.8                                    | 44.00                            | 100                                 |
| P6KE9.1CA                     | 7.78                                     | 8.65                                     | 9.50                                     | 1                          | 13.4                                    | 45.00                            | 100                                 |
| P6KE10C                       | 8.10                                     | 9.00                                     | 11.00                                    | 1                          | 15.0                                    | 40.00                            | 20                                  |
| P6KE10CA                      | 8.55                                     | 9.50                                     | 10.50                                    | 1                          | 14.5                                    | 41.00                            | 20                                  |
| P6KE11C                       | 8.92                                     | 9.90                                     | 12.10                                    | 1                          | 16.2                                    | 37.00                            | 10                                  |
| P6KE11CA                      | 9.40                                     | 10.50                                    | 11.60                                    | 1                          | 15.6                                    | 38.00                            | 10                                  |
| P6KE12C                       | 9.72                                     | 10.80                                    | 13.20                                    | 1                          | 17.3                                    | 35.00                            | 5                                   |
| P6KE12CA                      | 10.20                                    | 11.40                                    | 12.60                                    | 1                          | 16.7                                    | 36.00                            | 5                                   |
| P6KE13C                       | 10.50                                    | 11.70                                    | 14.30                                    | 1                          | 19.0                                    | 32.00                            | 5                                   |
| P6KE13CA                      | 11.10                                    | 12.40                                    | 13.70                                    | 1                          | 18.2                                    | 33.00                            | 5                                   |
| P6KE15C                       | 12.10                                    | 13.50                                    | 16.50                                    | 1                          | 22.0                                    | 27.00                            | 5                                   |
| P6KE15CA                      | 12.80                                    | 14.30                                    | 15.80                                    | 1                          | 21.2                                    | 28.00                            | 5                                   |
| P6KE16C                       | 12.90                                    | 14.40                                    | 17.60                                    | 1                          | 23.5                                    | 26.00                            | 5                                   |
| P6KE16CA                      | 13.60                                    | 15.20                                    | 16.80                                    | 1                          | 22.5                                    | 27.00                            | 5                                   |
| P6KE18C                       | 14.50                                    | 16.20                                    | 19.80                                    | 1                          | 26.5                                    | 23.00                            | 5                                   |
| P6KE18CA                      | 15.30                                    | 17.10                                    | 18.90                                    | 1                          | 25.2                                    | 24.00                            | 5                                   |
| P6KE20C                       | 16.20                                    | 18.00                                    | 22.00                                    | 1                          | 29.1                                    | 21.00                            | 5                                   |
| P6KE20CA                      | 17.10                                    | 19.00                                    | 21.00                                    | 1                          | 27.7                                    | 22.00                            | 5                                   |
| P6KE22C                       | 17.80                                    | 19.80                                    | 24.20                                    | 1                          | 31.9                                    | 19.00                            | 5                                   |
| P6KE22CA                      | 18.80                                    | 20.90                                    | 23.10                                    | 1                          | 30.6                                    | 20.00                            | 5                                   |
| P6KE24C                       | 19.40                                    | 21.60                                    | 26.40                                    | 1                          | 34.7                                    | 17.00                            | 5                                   |
| P6KE24CA                      | 20.50                                    | 22.80                                    | 25.20                                    | 1                          | 33.2                                    | 18.00                            | 5                                   |
| P6KE27C                       | 21.80                                    | 24.30                                    | 29.70                                    | 1                          | 39.1                                    | 15.00                            | 5                                   |
| P6KE27CA                      | 23.10                                    | 25.70                                    | 28.40                                    | 1                          | 37.5                                    | 16.20                            | 5                                   |
| P6KE30C                       | 24.30                                    | 27.00                                    | 33.00                                    | 1                          | 43.5                                    | 14.00                            | 5                                   |
| P6KE30CA                      | 25.60                                    | 28.50                                    | 31.50                                    | 1                          | 41.4                                    | 14.00                            | 5                                   |
| P6KE33C                       | 26.80                                    | 29.70                                    | 36.30                                    | 1                          | 47.7                                    | 12.60                            | 5                                   |
| P6KE33CA                      | 28.20                                    | 31.40                                    | 34.70                                    | 1                          | 45.7                                    | 13.20                            | 5                                   |
| P6KE36C                       | 29.10                                    | 32.40                                    | 39.60                                    | 1                          | 52.0                                    | 11.60                            | 5                                   |
| P6KE36CA                      | 30.80                                    | 34.20                                    | 37.80                                    | 1                          | 49.9                                    | 12.00                            | 5                                   |
| P6KE39C                       | 31.60                                    | 35.10                                    | 42.90                                    | 1                          | 56.4                                    | 10.60                            | 5                                   |
| P6KE39CA                      | 33.30                                    | 37.10                                    | 41.00                                    | 1                          | 53.9                                    | 11.20                            | 5                                   |
| P6KE43C                       | 34.80                                    | 38.70                                    | 47.30                                    | 1                          | 61.9                                    | 9.60                             | 5                                   |
| P6KE43CA                      | 36.80                                    | 40.90                                    | 45.20                                    | 1                          | 59.3                                    | 10.10                            | 5                                   |
| P6KE47C                       | 38.10                                    | 42.30                                    | 51.70                                    | 1                          | 67.8                                    | 8.90                             | 5                                   |
| P6KE47CA                      | 40.20                                    | 44.70                                    | 49.40                                    | 1                          | 64.8                                    | 9.30                             | 5                                   |
| P6KE51C                       | 41.30                                    | 45.90                                    | 56.10                                    | 1                          | 73.5                                    | 8.20                             | 5                                   |
| P6KE51CA                      | 43.60                                    | 48.50                                    | 53.60                                    | 1                          | 70.1                                    | 8.60                             | 5                                   |
| P6KE56C                       | 45.60                                    | 50.40                                    | 61.60                                    | 1                          | 80.5                                    | 7.40                             | 5                                   |
| P6KE56CA                      | 47.80                                    | 53.20                                    | 58.80                                    | 1                          | 77.0                                    | 7.80                             | 5                                   |
| P6KE62C                       | 50.20                                    | 55.80                                    | 68.20                                    | 1                          | 89.0                                    | 6.80                             | 5                                   |
| P6KE62CA                      | 53.00                                    | 58.90                                    | 65.10                                    | 1                          | 85.0                                    | 7.10                             | 5                                   |
| P6KE68C                       | 55.10                                    | 61.20                                    | 74.80                                    | 1                          | 98.0                                    | 6.10                             | 5                                   |
| P6KE68CA                      | 58.10                                    | 64.60                                    | 71.40                                    | 1                          | 92.0                                    | 6.50                             | 5                                   |
| P6KE75C                       | 60.70                                    | 67.50                                    | 82.50                                    | 1                          | 108.0                                   | 5.50                             | 5                                   |
| P6KE75CA                      | 64.10                                    | 71.30                                    | 78.80                                    | 1                          | 103.0                                   | 5.80                             | 5                                   |
| P6KE82C                       | 66.40                                    | 73.80                                    | 90.20                                    | 1                          | 118.0                                   | 5.10                             | 5                                   |
| P6KE82CA                      | 70.10                                    | 77.90                                    | 86.10                                    | 1                          | 113.0                                   | 5.30                             | 5                                   |
| P6KE91C                       | 73.70                                    | 81.90                                    | 100.00                                   | 1                          | 131.0                                   | 4.50                             | 5                                   |
| P6KE91CA                      | 77.80                                    | 86.50                                    | 95.50                                    | 1                          | 125.0                                   | 4.80                             | 5                                   |
| P6KE100C                      | 81.00                                    | 90.00                                    | 110.00                                   | 1                          | 144.0                                   | 4.20                             | 5                                   |
| P6KE100CA                     | 85.50                                    | 95.00                                    | 105.00                                   | 1                          | 137.0                                   | 4.40                             | 5                                   |
| P6KE110C                      | 89.20                                    | 99.00                                    | 121.00                                   | 1                          | 158.0                                   | 3.80                             | 5                                   |
| P6KE110CA                     | 94.00                                    | 105.00                                   | 116.00                                   | 1                          | 152.0                                   | 4.00                             | 5                                   |
| P6KE120C                      | 97.20                                    | 108.00                                   | 132.00                                   | 1                          | 173.0                                   | 3.50                             | 5                                   |
| P6KE120CA                     | 102.00                                   | 114.00                                   | 126.00                                   | 1                          | 165.0                                   | 3.60                             | 5                                   |
| P6KE130C                      | 105.00                                   | 117.00                                   | 143.00                                   | 1                          | 187.0                                   | 3.20                             | 5                                   |
| P6KE130CA                     | 111.00                                   | 124.00                                   | 137.00                                   | 1                          | 179.0                                   | 3.30                             | 5                                   |
| P6KE150C                      | 121.00                                   | 135.00                                   | 165.00                                   | 1                          | 215.0                                   | 2.80                             | 5                                   |
| P6KE150CA                     | 128.00                                   | 143.00                                   | 158.00                                   | 1                          | 207.0                                   | 2.90                             | 5                                   |
| P6KE160C                      | 130.00                                   | 144.00                                   | 176.00                                   | 1                          | 230.0                                   | 2.60                             | 5                                   |
| P6KE160CA                     | 136.00                                   | 152.00                                   | 168.00                                   | 1                          | 219.0                                   | 2.70                             | 5                                   |
| P6KE170C                      | 138.00                                   | 153.00                                   | 187.00                                   | 1                          | 244.0                                   | 2.50                             | 5                                   |
| P6KE170CA                     | 145.00                                   | 162.00                                   | 179.00                                   | 1                          | 234.0                                   | 2.60                             | 5                                   |
| P6KE180C                      | 146.00                                   | 162.00                                   | 198.00                                   | 1                          | 258.0                                   | 2.30                             | 5                                   |
| P6KE180CA                     | 154.00                                   | 171.00                                   | 189.00                                   | 1                          | 246.0                                   | 2.40                             | 5                                   |
| P6KE200C                      | 162.00                                   | 180.00                                   | 220.00                                   | 1                          | 287.0                                   | 2.10                             | 5                                   |
| P6KE200CA                     | 171.00                                   | 190.00                                   | 210.00                                   | 1                          | 274.0                                   | 2.20                             | 5                                   |
| P6KE220C                      | 175.00                                   | 198.00                                   | 242.00                                   | 1                          | 344.0                                   | 2.00                             | 5                                   |
| P6KE220CA                     | 185.00                                   | 209.00                                   | 231.00                                   | 1                          | 328.0                                   | 2.00                             | 5                                   |
| P6KE250C                      | 202.00                                   | 225.00                                   | 275.00                                   | 1                          | 360.0                                   | 2.00                             | 5                                   |
| P6KE250CA                     | 214.00                                   | 237.00                                   | 263.00                                   | 1                          | 344.0                                   | 2.00                             | 5                                   |
| P6KE300C                      | 243.00                                   | 270.00                                   | 330.00                                   | 1                          | 430.0                                   | 2.00                             | 5                                   |
| P6KE300CA                     | 256.00                                   | 285.00                                   | 315.00                                   | 1                          | 414.0                                   | 2.00                             | 5                                   |
| P6KE350C                      | 284.00                                   | 315.00                                   | 385.00                                   | 1                          | 504.0                                   | 2.00                             | 5                                   |
| P6KE350CA                     | 300.00                                   | 332.00                                   | 368.00                                   | 1                          | 482.0                                   | 2.00                             | 5                                   |
| P6KE400C                      | 324.00                                   | 360.00                                   | 440.00                                   | 1                          | 574.0                                   | 2.00                             | 5                                   |
| P6KE400CA                     | 342.00                                   | 380.00                                   | 420.00                                   | 1                          | 548.0                                   | 2.00                             | 5                                   |
| P6KE440C                      | 356.00                                   | 396.00                                   | 484.00                                   | 1                          | 631.0                                   | 2.00                             | 5                                   |
| P6KE440CA                     | 376.00                                   | 418.00                                   | 462.00                                   | 1                          | 600.0                                   | 2.00                             | 5                                   |

## ORDERING INFORMATION

| Product No.♦       | Package Type | Shipping Quantity |
|--------------------|--------------|-------------------|
| P6KExx-T3          | DO-15        | 4000/Tape & Reel  |
| <b>P6KExx-TB</b>   | DO-15        | 3000/Tape & Box   |
| P6KExx             | DO-15        | 1000 Units/Box    |
| P6KExxA-T3         | DO-15        | 4000/Tape & Reel  |
| <b>P6KExxA-TB</b>  | DO-15        | 3000/Tape & Box   |
| P6KExxA            | DO-15        | 1000 Units/Box    |
| P6KExxC-T3         | DO-15        | 4000/Tape & Reel  |
| <b>P6KExxC-TB</b>  | DO-15        | 3000/Tape & Box   |
| P6KExxC            | DO-15        | 1000 Units/Box    |
| P6KExxCA-T3        | DO-15        | 4000/Tape & Reel  |
| <b>P6KExxCA-TB</b> | DO-15        | 3000/Tape & Box   |
| P6KExxCA           | DO-15        | 1000 Units/Box    |

Products listed in **bold** are WTE **Preferred** devices.

♦T3 suffix refers to a 13" reel. TB suffix refers to Ammo Pack.

Shipping quantity given is for minimum packing quantity only. For minimum order quantity, please consult the Sales Department.

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**WARNING:** DO NOT USE IN LIFE SUPPORT EQUIPMENT. WTE power semiconductor products are not authorized for use as critical components in life support devices or systems without the express written approval.

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*We power your everyday.*