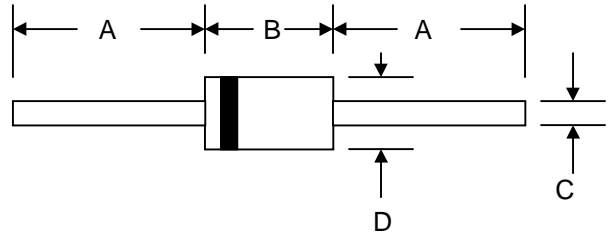


### Features

- Glass Passivated Die Construction
- 1500W 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-201AE 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: 1.20 grams (approx.)

| DO-201AE             |      |      |
|----------------------|------|------|
| Dim                  | Min  | Max  |
| A                    | 25.4 | —    |
| B                    | 7.20 | 9.50 |
| C                    | 0.94 | 1.07 |
| D                    | 4.80 | 5.30 |
| 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 @ $T_A=25^\circ\text{C}$ unless otherwise specified

| Characteristic   | Symbol         | Value        | Unit             |
|--|----------------|--------------|------------------|
| Peak Pulse Power Dissipation at $T_A = 25^\circ\text{C}$ (Note 1, 2, 5) Figure 3 | PPPM           | 1500 Minimum | W                |
| Peak Forward Surge Current (Note 3)  | IFSM           | 200          | A                |
| Peak Pulse Current on 10/1000 $\mu\text{s}$ Waveform (Note 1) Figure 1           | IPPM           | See Table 1  | A                |
| Steady State Power Dissipation (Note 2, 4)                                       | PM(AV)         | 5.0          | W                |
| Operating and Storage Temperature Range  | $T_J, T_{STG}$ | -65 to +175  | $^\circ\text{C}$ |

- Note: 1. Non-repetitive current pulse, per Figure 1 and derated above  $T_A = 25^\circ\text{C}$  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  $75^\circ\text{C} = T_L$ .  
 5. Peak pulse power waveform is 10/1000 $\mu\text{s}$ .



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 1500 WATT AXIAL LEAD TVS

| UNI-DIRECTIONAL PART NUMBER | REVERSE STAND-OFF VOLTAGE VRWM (V) | BREAKDOWN VOLTAGE VBR (V) MIN. @IT | BREAKDOWN VOLTAGE VBR (V) MAX. @IT | TEST CURRENT IT (mA) | MAXIMUM CLAMPING VOLTAGE @Ipp Vc (V) | PEAK PULSE CURRENT Ipp (A) | REVERSE LEAKAGE @VRWM IR (uA) |
|-----------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------|--------------------------------------|----------------------------|-------------------------------|
| 1.5KE6.8                    | 5.50                               | 6.12                               | 7.48                               | 10                   | 10.8                                 | 139.00                     | 1000                          |
| 1.5KE6.8A                   | 5.80                               | 6.45                               | 7.14                               | 10                   | 10.5                                 | 143.00                     | 1000                          |
| 1.5KE7.5                    | 6.05                               | 6.75                               | 8.25                               | 10                   | 11.7                                 | 128.00                     | 500                           |
| 1.5KE7.5A                   | 6.40                               | 7.13                               | 7.88                               | 10                   | 11.3                                 | 132.00                     | 500                           |
| 1.5KE8.2                    | 6.63                               | 7.38                               | 9.02                               | 10                   | 12.5                                 | 120.00                     | 200                           |
| 1.5KE8.2A                   | 7.02                               | 7.79                               | 8.61                               | 10                   | 12.1                                 | 124.00                     | 200                           |
| 1.5KE9.1                    | 7.37                               | 8.19                               | 10.00                              | 1                    | 13.8                                 | 109.00                     | 50                            |
| 1.5KE9.1A                   | 7.78                               | 8.65                               | 9.50                               | 1                    | 13.4                                 | 112.00                     | 50                            |
| 1.5KE10                     | 8.10                               | 9.00                               | 11.00                              | 1                    | 15.0                                 | 100.00                     | 10                            |
| 1.5KE10A                    | 8.55                               | 9.50                               | 10.50                              | 1                    | 14.5                                 | 103.00                     | 10                            |
| 1.5KE11                     | 8.92                               | 9.90                               | 12.10                              | 1                    | 16.2                                 | 93.00                      | 5                             |
| 1.5KE11A                    | 9.40                               | 10.50                              | 11.60                              | 1                    | 15.6                                 | 96.00                      | 5                             |
| 1.5KE12                     | 9.72                               | 10.80                              | 13.20                              | 1                    | 17.3                                 | 87.00                      | 5                             |
| 1.5KE12A                    | 10.20                              | 11.40                              | 12.60                              | 1                    | 16.7                                 | 90.00                      | 5                             |
| 1.5KE13                     | 10.50                              | 11.70                              | 14.30                              | 1                    | 19.0                                 | 79.00                      | 5                             |
| 1.5KE13A                    | 11.10                              | 12.40                              | 13.70                              | 1                    | 18.2                                 | 82.00                      | 5                             |
| 1.5KE15                     | 12.10                              | 13.50                              | 16.50                              | 1                    | 22.0                                 | 68.00                      | 5                             |
| 1.5KE15A                    | 12.80                              | 14.30                              | 15.80                              | 1                    | 21.2                                 | 71.00                      | 5                             |
| 1.5KE16                     | 12.90                              | 14.40                              | 17.60                              | 1                    | 23.5                                 | 64.00                      | 5                             |
| 1.5KE16A                    | 13.60                              | 15.20                              | 16.80                              | 1                    | 22.5                                 | 67.00                      | 5                             |
| 1.5KE18                     | 14.50                              | 16.20                              | 19.80                              | 1                    | 26.5                                 | 56.50                      | 5                             |
| 1.5KE18A                    | 15.30                              | 17.10                              | 18.90                              | 1                    | 25.2                                 | 59.50                      | 5                             |
| 1.5KE20                     | 16.20                              | 18.00                              | 22.00                              | 1                    | 29.1                                 | 51.50                      | 5                             |
| 1.5KE20A                    | 17.10                              | 19.00                              | 21.00                              | 1                    | 27.7                                 | 54.00                      | 5                             |
| 1.5KE22                     | 17.80                              | 19.80                              | 24.20                              | 1                    | 31.9                                 | 47.00                      | 5                             |
| 1.5KE22A                    | 18.80                              | 20.90                              | 23.10                              | 1                    | 30.6                                 | 49.00                      | 5                             |
| 1.5KE24                     | 19.40                              | 21.60                              | 26.40                              | 1                    | 34.7                                 | 43.00                      | 5                             |
| 1.5KE24A                    | 20.50                              | 22.80                              | 25.20                              | 1                    | 33.2                                 | 45.00                      | 5                             |
| 1.5KE27                     | 21.80                              | 24.30                              | 29.70                              | 1                    | 39.1                                 | 38.50                      | 5                             |
| 1.5KE27A                    | 23.10                              | 25.70                              | 28.40                              | 1                    | 37.5                                 | 40.00                      | 5                             |
| 1.5KE30                     | 24.30                              | 27.00                              | 33.00                              | 1                    | 43.5                                 | 34.50                      | 5                             |
| 1.5KE30A                    | 25.60                              | 28.50                              | 31.50                              | 1                    | 41.4                                 | 36.00                      | 5                             |
| 1.5KE33                     | 26.80                              | 29.70                              | 36.30                              | 1                    | 47.7                                 | 31.50                      | 5                             |
| 1.5KE33A                    | 28.20                              | 31.40                              | 34.70                              | 1                    | 45.7                                 | 33.00                      | 5                             |
| 1.5KE36                     | 29.10                              | 32.40                              | 39.60                              | 1                    | 52.0                                 | 29.00                      | 5                             |
| 1.5KE36A                    | 30.80                              | 34.20                              | 37.80                              | 1                    | 49.9                                 | 30.00                      | 5                             |
| 1.5KE39                     | 31.60                              | 35.10                              | 42.90                              | 1                    | 56.4                                 | 26.50                      | 5                             |
| 1.5KE39A                    | 33.30                              | 37.10                              | 41.00                              | 1                    | 53.9                                 | 28.00                      | 5                             |
| 1.5KE43                     | 34.80                              | 38.70                              | 47.30                              | 1                    | 61.9                                 | 24.00                      | 5                             |
| 1.5KE43A                    | 36.80                              | 40.90                              | 45.20                              | 1                    | 59.3                                 | 25.30                      | 5                             |
| 1.5KE47                     | 38.10                              | 42.30                              | 51.70                              | 1                    | 67.8                                 | 22.20                      | 5                             |
| 1.5KE47A                    | 40.20                              | 44.70                              | 49.40                              | 1                    | 64.8                                 | 23.20                      | 5                             |
| 1.5KE51                     | 41.30                              | 45.90                              | 56.10                              | 1                    | 73.5                                 | 20.40                      | 5                             |
| 1.5KE51A                    | 43.60                              | 48.50                              | 53.60                              | 1                    | 70.1                                 | 21.40                      | 5                             |
| 1.5KE56                     | 45.60                              | 50.40                              | 61.60                              | 1                    | 80.5                                 | 18.60                      | 5                             |
| 1.5KE56A                    | 47.80                              | 53.20                              | 58.80                              | 1                    | 77.0                                 | 19.50                      | 5                             |
| 1.5KE62                     | 50.20                              | 55.80                              | 68.20                              | 1                    | 89.0                                 | 16.90                      | 5                             |
| 1.5KE62A                    | 53.00                              | 58.90                              | 65.10                              | 1                    | 85.0                                 | 17.70                      | 5                             |
| 1.5KE68                     | 55.10                              | 61.20                              | 74.80                              | 1                    | 98.0                                 | 15.30                      | 5                             |
| 1.5KE68A                    | 58.10                              | 64.60                              | 71.40                              | 1                    | 92.0                                 | 16.30                      | 5                             |
| 1.5KE75                     | 60.70                              | 67.50                              | 82.50                              | 1                    | 108.0                                | 13.90                      | 5                             |
| 1.5KE75A                    | 64.10                              | 71.30                              | 78.80                              | 1                    | 103.0                                | 14.60                      | 5                             |
| 1.5KE82                     | 66.40                              | 73.80                              | 90.20                              | 1                    | 118.0                                | 12.70                      | 5                             |
| 1.5KE82A                    | 70.10                              | 77.90                              | 86.10                              | 1                    | 113.0                                | 13.30                      | 5                             |
| 1.5KE91                     | 73.70                              | 81.90                              | 100.00                             | 1                    | 131.0                                | 11.40                      | 5                             |
| 1.5KE91A                    | 77.80                              | 86.50                              | 95.50                              | 1                    | 125.0                                | 12.00                      | 5                             |
| 1.5KE100                    | 81.00                              | 90.00                              | 110.00                             | 1                    | 144.0                                | 10.40                      | 5                             |
| 1.5KE100A                   | 85.50                              | 95.00                              | 105.00                             | 1                    | 137.0                                | 11.00                      | 5                             |
| 1.5KE110                    | 89.20                              | 99.00                              | 121.00                             | 1                    | 158.0                                | 9.50                       | 5                             |
| 1.5KE110A                   | 94.00                              | 105.00                             | 116.00                             | 1                    | 152.0                                | 9.90                       | 5                             |
| 1.5KE120                    | 97.20                              | 108.00                             | 132.00                             | 1                    | 173.0                                | 8.70                       | 5                             |
| 1.5KE120A                   | 102.00                             | 114.00                             | 126.00                             | 1                    | 165.0                                | 9.10                       | 5                             |
| 1.5KE130                    | 105.00                             | 117.00                             | 143.00                             | 1                    | 187.0                                | 8.00                       | 5                             |
| 1.5KE130A                   | 111.00                             | 124.00                             | 137.00                             | 1                    | 179.0                                | 8.40                       | 5                             |
| 1.5KE150                    | 121.00                             | 135.00                             | 165.00                             | 1                    | 215.0                                | 7.00                       | 5                             |
| 1.5KE150A                   | 128.00                             | 143.00                             | 158.00                             | 1                    | 207.0                                | 7.20                       | 5                             |
| 1.5KE160                    | 130.00                             | 144.00                             | 176.00                             | 1                    | 230.0                                | 6.50                       | 5                             |
| 1.5KE160A                   | 136.00                             | 152.00                             | 168.00                             | 1                    | 219.0                                | 6.80                       | 5                             |
| 1.5KE170                    | 138.00                             | 153.00                             | 187.00                             | 1                    | 244.0                                | 6.20                       | 5                             |
| 1.5KE170A                   | 145.00                             | 162.00                             | 179.00                             | 1                    | 234.0                                | 6.40                       | 5                             |
| 1.5KE180                    | 146.00                             | 162.00                             | 198.00                             | 1                    | 258.0                                | 5.80                       | 5                             |
| 1.5KE180A                   | 154.00                             | 171.00                             | 189.00                             | 1                    | 246.0                                | 6.10                       | 5                             |
| 1.5KE200                    | 162.00                             | 180.00                             | 220.00                             | 1                    | 287.0                                | 5.20                       | 5                             |
| 1.5KE200A                   | 171.00                             | 190.00                             | 210.00                             | 1                    | 274.0                                | 5.50                       | 5                             |
| 1.5KE220                    | 175.00                             | 198.00                             | 242.00                             | 1                    | 344.0                                | 4.30                       | 5                             |
| 1.5KE220A                   | 185.00                             | 209.00                             | 231.00                             | 1                    | 328.0                                | 4.60                       | 5                             |
| 1.5KE250                    | 202.00                             | 225.00                             | 275.00                             | 1                    | 360.0                                | 5.00                       | 5                             |
| 1.5KE250A                   | 214.00                             | 237.00                             | 263.00                             | 1                    | 344.0                                | 5.00                       | 5                             |
| 1.5KE300                    | 243.00                             | 270.00                             | 330.00                             | 1                    | 430.0                                | 5.00                       | 5                             |
| 1.5KE300A                   | 256.00                             | 285.00                             | 315.00                             | 1                    | 414.0                                | 5.00                       | 5                             |
| 1.5KE350                    | 284.00                             | 315.00                             | 385.00                             | 1                    | 504.0                                | 4.00                       | 5                             |
| 1.5KE350A                   | 300.00                             | 332.00                             | 368.00                             | 1                    | 482.0                                | 4.00                       | 5                             |
| 1.5KE400                    | 324.00                             | 360.00                             | 440.00                             | 1                    | 574.0                                | 4.00                       | 5                             |
| 1.5KE400A                   | 342.00                             | 380.00                             | 420.00                             | 1                    | 548.0                                | 4.00                       | 5                             |
| 1.5KE440                    | 356.00                             | 396.00                             | 484.00                             | 1                    | 631.0                                | 4.00                       | 5                             |
| 1.5KE440A                   | 376.00                             | 418.00                             | 462.00                             | 1                    | 600.0                                | 4.00                       | 5                             |

## BI-DIRECTIONAL 1500 WATT AXIAL LEAD TVS

| BI-DIRECTIONAL PART NUMBER | REVERSE STAND-OFF VOLTAGE VRWM (V) | BREAKDOWN VOLTAGE VBR (V) MIN. @IT | BREAKDOWN VOLTAGE VBR (V) MAX. @IT | TEST CURRENT IT (mA) | MAXIMUM CLAMPING VOLTAGE @Ipp Vc (V) | PEAK PULSE CURRENT Ipp (A) | REVERSE LEAKAGE @VRWM IR (uA) |
|----------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------|--------------------------------------|----------------------------|-------------------------------|
| 1.5KE6.8C                  | 5.50                               | 6.12                               | 7.48                               | 10                   | 10.8                                 | 139.00                     | 2000                          |
| 1.5KE6.8CA                 | 5.80                               | 6.45                               | 7.14                               | 10                   | 10.5                                 | 143.00                     | 2000                          |
| 1.5KE7.5C                  | 6.05                               | 6.75                               | 8.25                               | 10                   | 11.7                                 | 128.00                     | 1000                          |
| 1.5KE7.5CA                 | 6.40                               | 7.13                               | 7.88                               | 10                   | 11.3                                 | 132.00                     | 1000                          |
| 1.5KE8.2C                  | 6.63                               | 7.38                               | 9.02                               | 10                   | 12.5                                 | 120.00                     | 400                           |
| 1.5KE8.2CA                 | 7.02                               | 7.79                               | 8.61                               | 10                   | 12.1                                 | 124.00                     | 400                           |
| 1.5KE9.1C                  | 7.37                               | 8.19                               | 10.00                              | 1                    | 13.8                                 | 109.00                     | 100                           |
| 1.5KE9.1CA                 | 7.78                               | 8.65                               | 9.50                               | 1                    | 13.4                                 | 112.00                     | 100                           |
| 1.5KE10C                   | 8.10                               | 9.00                               | 11.00                              | 1                    | 15.0                                 | 100.00                     | 20                            |
| 1.5KE10CA                  | 8.55                               | 9.50                               | 10.50                              | 1                    | 14.5                                 | 103.00                     | 20                            |
| 1.5KE11C                   | 8.92                               | 9.90                               | 12.10                              | 1                    | 16.2                                 | 93.00                      | 10                            |
| 1.5KE11CA                  | 9.40                               | 10.50                              | 11.60                              | 1                    | 15.6                                 | 96.00                      | 10                            |
| 1.5KE12C                   | 9.72                               | 10.80                              | 13.20                              | 1                    | 17.3                                 | 87.00                      | 5                             |
| 1.5KE12CA                  | 10.20                              | 11.40                              | 12.60                              | 1                    | 16.7                                 | 90.00                      | 5                             |
| 1.5KE13C                   | 10.50                              | 11.70                              | 14.30                              | 1                    | 19.0                                 | 79.00                      | 5                             |
| 1.5KE13CA                  | 11.10                              | 12.40                              | 13.70                              | 1                    | 18.2                                 | 82.00                      | 5                             |
| 1.5KE15C                   | 12.10                              | 13.50                              | 16.50                              | 1                    | 22.0                                 | 68.00                      | 5                             |
| 1.5KE15CA                  | 12.80                              | 14.30                              | 15.80                              | 1                    | 21.2                                 | 71.00                      | 5                             |
| 1.5KE16C                   | 12.90                              | 14.40                              | 17.60                              | 1                    | 23.5                                 | 64.00                      | 5                             |
| 1.5KE16CA                  | 13.60                              | 15.20                              | 16.80                              | 1                    | 22.5                                 | 67.00                      | 5                             |
| 1.5KE18C                   | 14.50                              | 16.20                              | 19.80                              | 1                    | 26.5                                 | 56.50                      | 5                             |
| 1.5KE18CA                  | 15.30                              | 17.10                              | 18.90                              | 1                    | 25.2                                 | 59.50                      | 5                             |
| 1.5KE20C                   | 16.20                              | 18.00                              | 22.00                              | 1                    | 29.1                                 | 51.50                      | 5                             |
| 1.5KE20CA                  | 17.10                              | 19.00                              | 21.00                              | 1                    | 27.7                                 | 54.00                      | 5                             |
| 1.5KE22C                   | 17.80                              | 19.80                              | 24.20                              | 1                    | 31.9                                 | 47.00                      | 5                             |
| 1.5KE22CA                  | 18.80                              | 20.90                              | 23.10                              | 1                    | 30.6                                 | 49.00                      | 5                             |
| 1.5KE24C                   | 19.40                              | 21.60                              | 26.40                              | 1                    | 34.7                                 | 43.00                      | 5                             |
| 1.5KE24CA                  | 20.50                              | 22.80                              | 25.20                              | 1                    | 33.2                                 | 45.00                      | 5                             |
| 1.5KE27C                   | 21.80                              | 24.30                              | 29.70                              | 1                    | 39.1                                 | 38.50                      | 5                             |
| 1.5KE27CA                  | 23.10                              | 25.70                              | 28.40                              | 1                    | 37.5                                 | 40.00                      | 5                             |
| 1.5KE30C                   | 24.30                              | 27.00                              | 33.00                              | 1                    | 43.5                                 | 34.50                      | 5                             |
| 1.5KE30CA                  | 25.60                              | 28.50                              | 31.50                              | 1                    | 41.4                                 | 36.00                      | 5                             |
| 1.5KE33C                   | 26.80                              | 29.70                              | 36.30                              | 1                    | 47.7                                 | 31.50                      | 5                             |
| 1.5KE33CA                  | 28.20                              | 31.40                              | 34.70                              | 1                    | 45.7                                 | 33.00                      | 5                             |
| 1.5KE36C                   | 29.10                              | 32.40                              | 39.60                              | 1                    | 52.0                                 | 29.00                      | 5                             |
| 1.5KE36CA                  | 30.80                              | 34.20                              | 37.80                              | 1                    | 49.9                                 | 30.00                      | 5                             |
| 1.5KE39C                   | 31.60                              | 35.10                              | 42.90                              | 1                    | 56.4                                 | 26.50                      | 5                             |
| 1.5KE39CA                  | 33.30                              | 37.10                              | 41.00                              | 1                    | 53.9                                 | 28.00                      | 5                             |
| 1.5KE43C                   | 34.80                              | 38.70                              | 47.30                              | 1                    | 61.9                                 | 24.00                      | 5                             |
| 1.5KE43CA                  | 36.80                              | 40.90                              | 45.20                              | 1                    | 59.3                                 | 25.30                      | 5                             |
| 1.5KE47C                   | 38.10                              | 42.30                              | 51.70                              | 1                    | 67.8                                 | 22.20                      | 5                             |
| 1.5KE47CA                  | 40.20                              | 44.70                              | 49.40                              | 1                    | 64.8                                 | 23.20                      | 5                             |
| 1.5KE51C                   | 41.30                              | 45.90                              | 56.10                              | 1                    | 73.5                                 | 20.40                      | 5                             |
| 1.5KE51CA                  | 43.60                              | 48.50                              | 53.60                              | 1                    | 70.1                                 | 21.40                      | 5                             |
| 1.5KE56C                   | 45.60                              | 50.40                              | 61.60                              | 1                    | 80.5                                 | 18.60                      | 5                             |
| 1.5KE56CA                  | 47.80                              | 53.20                              | 58.80                              | 1                    | 77.0                                 | 19.50                      | 5                             |
| 1.5KE62C                   | 50.20                              | 55.80                              | 68.20                              | 1                    | 89.0                                 | 16.90                      | 5                             |
| 1.5KE62CA                  | 53.00                              | 58.90                              | 65.10                              | 1                    | 85.0                                 | 17.70                      | 5                             |
| 1.5KE68C                   | 55.10                              | 61.20                              | 74.80                              | 1                    | 98.0                                 | 15.30                      | 5                             |
| 1.5KE68CA                  | 58.10                              | 64.60                              | 71.40                              | 1                    | 92.0                                 | 16.30                      | 5                             |
| 1.5KE75C                   | 60.70                              | 67.50                              | 82.50                              | 1                    | 108.0                                | 13.90                      | 5                             |
| 1.5KE75CA                  | 64.10                              | 71.30                              | 78.80                              | 1                    | 103.0                                | 14.60                      | 5                             |
| 1.5KE82C                   | 66.40                              | 73.80                              | 90.20                              | 1                    | 118.0                                | 12.70                      | 5                             |
| 1.5KE82CA                  | 70.10                              | 77.90                              | 86.10                              | 1                    | 113.0                                | 13.30                      | 5                             |
| 1.5KE91C                   | 73.70                              | 81.90                              | 100.00                             | 1                    | 131.0                                | 11.40                      | 5                             |
| 1.5KE91CA                  | 77.80                              | 86.50                              | 95.50                              | 1                    | 125.0                                | 12.00                      | 5                             |
| 1.5KE100C                  | 81.00                              | 90.00                              | 110.00                             | 1                    | 144.0                                | 10.40                      | 5                             |
| 1.5KE100CA                 | 85.50                              | 95.00                              | 105.00                             | 1                    | 137.0                                | 11.00                      | 5                             |
| 1.5KE110C                  | 89.20                              | 99.00                              | 121.00                             | 1                    | 158.0                                | 9.50                       | 5                             |
| 1.5KE110CA                 | 94.00                              | 105.00                             | 116.00                             | 1                    | 152.0                                | 9.90                       | 5                             |
| 1.5KE120C                  | 97.20                              | 108.00                             | 132.00                             | 1                    | 173.0                                | 8.70                       | 5                             |
| 1.5KE120CA                 | 102.00                             | 114.00                             | 126.00                             | 1                    | 165.0                                | 9.10                       | 5                             |
| 1.5KE130C                  | 105.00                             | 117.00                             | 143.00                             | 1                    | 187.0                                | 8.00                       | 5                             |
| 1.5KE130CA                 | 111.00                             | 124.00                             | 137.00                             | 1                    | 179.0                                | 8.40                       | 5                             |
| 1.5KE150C                  | 121.00                             | 135.00                             | 165.00                             | 1                    | 215.0                                | 7.00                       | 5                             |
| 1.5KE150CA                 | 128.00                             | 143.00                             | 158.00                             | 1                    | 207.0                                | 7.20                       | 5                             |
| 1.5KE160C                  | 130.00                             | 144.00                             | 176.00                             | 1                    | 230.0                                | 6.50                       | 5                             |
| 1.5KE160CA                 | 136.00                             | 152.00                             | 168.00                             | 1                    | 219.0                                | 6.80                       | 5                             |
| 1.5KE170C                  | 138.00                             | 153.00                             | 187.00                             | 1                    | 244.0                                | 6.20                       | 5                             |
| 1.5KE170CA                 | 145.00                             | 162.00                             | 179.00                             | 1                    | 234.0                                | 6.40                       | 5                             |
| 1.5KE180C                  | 146.00                             | 162.00                             | 198.00                             | 1                    | 258.0                                | 5.80                       | 5                             |
| 1.5KE180CA                 | 154.00                             | 171.00                             | 189.00                             | 1                    | 246.0                                | 6.10                       | 5                             |
| 1.5KE200C                  | 162.00                             | 180.00                             | 220.00                             | 1                    | 287.0                                | 5.20                       | 5                             |
| 1.5KE200CA                 | 171.00                             | 190.00                             | 210.00                             | 1                    | 274.0                                | 5.50                       | 5                             |
| 1.5KE220C                  | 175.00                             | 198.00                             | 242.00                             | 1                    | 344.0                                | 4.30                       | 5                             |
| 1.5KE220CA                 | 185.00                             | 209.00                             | 231.00                             | 1                    | 328.0                                | 4.60                       | 5                             |
| 1.5KE250C                  | 202.00                             | 225.00                             | 275.00                             | 1                    | 360.0                                | 5.00                       | 5                             |
| 1.5KE250CA                 | 214.00                             | 237.00                             | 263.00                             | 1                    | 344.0                                | 5.00                       | 5                             |
| 1.5KE300C                  | 243.00                             | 270.00                             | 330.00                             | 1                    | 430.0                                | 5.00                       | 5                             |
| 1.5KE300CA                 | 256.00                             | 285.00                             | 315.00                             | 1                    | 414.0                                | 5.00                       | 5                             |
| 1.5KE350C                  | 284.00                             | 315.00                             | 385.00                             | 1                    | 504.0                                | 4.00                       | 5                             |
| 1.5KE350CA                 | 300.00                             | 332.00                             | 368.00                             | 1                    | 482.0                                | 4.00                       | 5                             |
| 1.5KE400C                  | 324.00                             | 360.00                             | 440.00                             | 1                    | 574.0                                | 4.00                       | 5                             |
| 1.5KE400CA                 | 342.00                             | 380.00                             | 420.00                             | 1                    | 548.0                                | 4.00                       | 5                             |
| 1.5KE440C                  | 356.00                             | 396.00                             | 484.00                             | 1                    | 631.0                                | 4.00                       | 5                             |
| 1.5KE440CA                 | 376.00                             | 418.00                             | 462.00                             | 1                    | 600.0                                | 4.00                       | 5                             |

## ORDERING INFORMATION

| Product No.♦        | Package Type | Shipping Quantity |
|---------------------|--------------|-------------------|
| 1.5KExx-T3          | DO-201AE     | 1250/Tape & Reel  |
| <b>1.5KExx-TB</b>   | DO-201AE     | 1250/Tape & Box   |
| 1.5KExx             | DO-201AE     | 500 Units/Box     |
| 1.5KExxA-T3         | DO-201AE     | 1250/Tape & Reel  |
| <b>1.5KExxA-TB</b>  | DO-201AE     | 1250/Tape & Box   |
| 1.5KExxA            | DO-201AE     | 500 Units/Box     |
| 1.5KExxC-T3         | DO-201AE     | 1250/Tape & Reel  |
| <b>1.5KExxC-TB</b>  | DO-201AE     | 1250/Tape & Box   |
| 1.5KExxC            | DO-201AE     | 500 Units/Box     |
| 1.5KExxCA-T3        | DO-201AE     | 1250/Tape & Reel  |
| <b>1.5KExxCA-TB</b> | DO-201AE     | 1250/Tape & Box   |
| 1.5KExxCA           | DO-201AE     | 500 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.

Won-Top Electronics Co., Ltd (WTE) has checked all information carefully and believes it to be correct and accurate. However, WTE cannot assume any responsibility for inaccuracies. Furthermore, this information does not give the purchaser of semiconductor devices any license under patent rights to manufacturer. WTE reserves the right to change any or all information herein without further notice.

**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.*