

1.5KE SERIES TRANSIENT VOLTAGE SUPPRESSOR

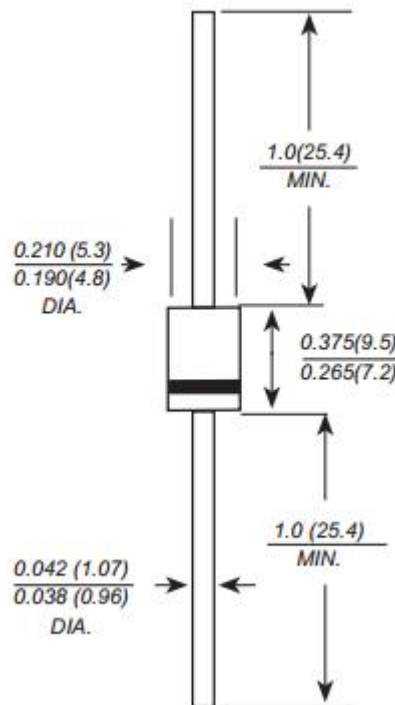
Features:

- 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-0
- This is a Pb – Free Device
- All SMC Parts are Traceable to the Wafer Lot
- Additional testing can be offered upon request

Mechanical Data:

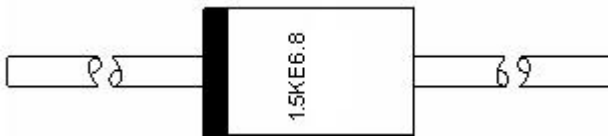
- Case: JEDEC DO-201AD Low Profile Molded Plastic
- Terminals: Axial Leads, Solderable per MIL-STD-202, Method 208
- Polarity: Cathode Band or Cathode Notch
- Weight: 1.10 grams(approx.)

Mechanical Dimensions: In Inches (mm)



DO-201AD

Marking Diagram



1.5KE6.8

1.5KE6.8/1.5KE6.8C = Part Name



1.5KE6.8C

Note: Starting from the 16XXX will not mark date code.

Cautions: Molding resin
Epoxy resin UL:94V-0

Ordering Information

| Device | Package | Shipping |
|--------------|-----------------------|----------------|
| 1.5KE SERIES | DO-201AD (Pb-Free) | 1250pcs / Tape |

For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specification.

Maximum Ratings and Electrical Characteristics @ $T_A=25^\circ\text{C}$ unless otherwise specified

| Parameter | Symbol | Value | Unit |
|--|----------------|-------------|------------------|
| Peak Pulse Power Dissipation at $T_A=25^\circ\text{C}$ (Fig.1)(Note 1, 2, 5) | P_{PPM} | 1500 | W |
| Peak Forward Surge Current per Fig.6(Note 3) | I_{FSM} | 200 | A |
| Peak Pulse Current on 10x1000 μs Waveform(Fig.3)(Note 1) | I_{PPM} | See Table 1 | A |
| Steady State Power Dissipation(Note 2, 4) | $P_{M(AV)}$ | 5.0 | W |
| Operating Junction and Storage Temperature Range | T_J, T_{STG} | -65 to 175 | $^\circ\text{C}$ |

- Notes:**
1. Non-repetitive current pulse, per Fig. 3 and derated above $T_A = 25^\circ\text{C}$ per Fig. 2.
 2. Mounted on 20mm² copper pad
 3. 8.3ms single half sine wave duty cycle=4 pulses per minute maximum.
 4. Lead temperature at $75^\circ\text{C}=T_L$
 5. Peak pulse power waveform is 10x1000 μs

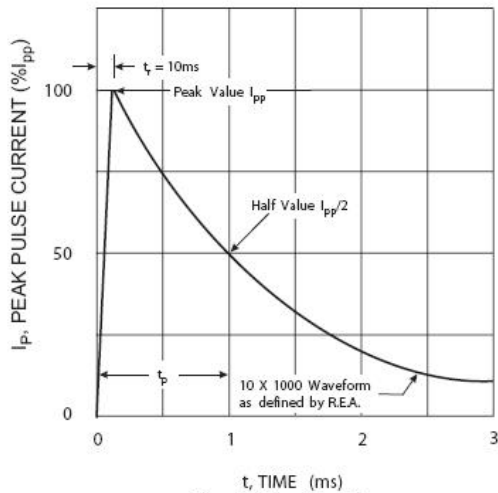


Fig. 1 Pulse Waveform

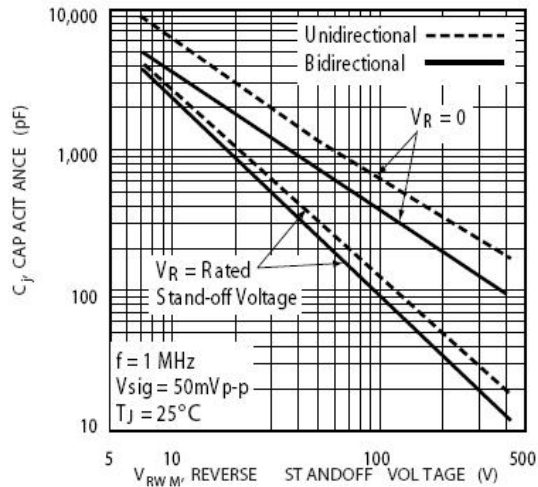


Fig. 2 Typical Junction Capacitance

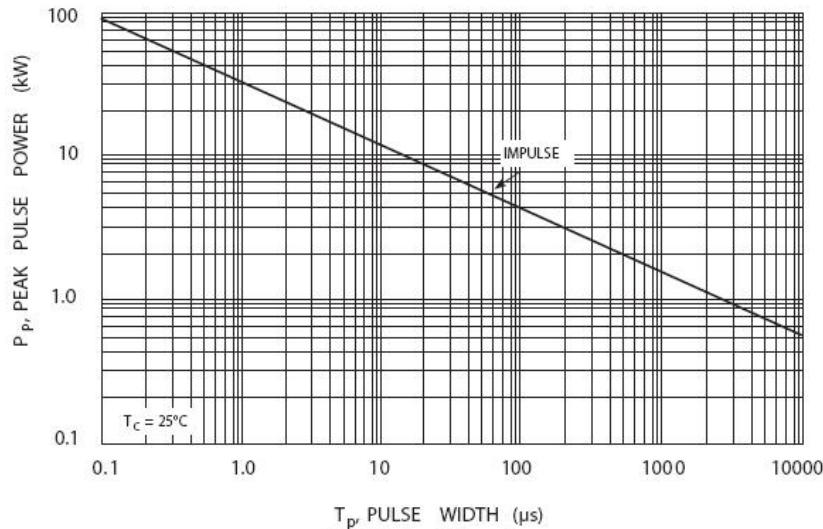


Fig. 3 Pulse Rating Curve

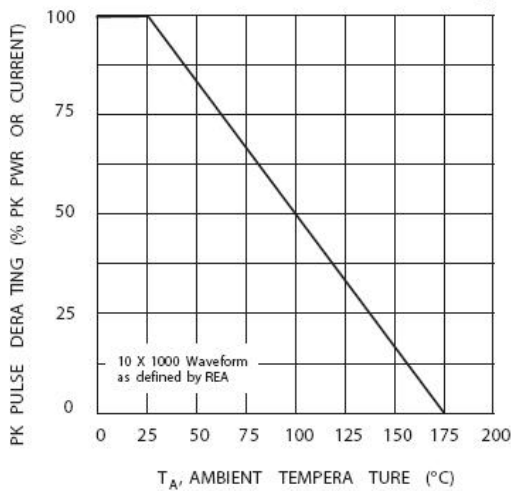


Fig. 4 Pulse Derating Curve

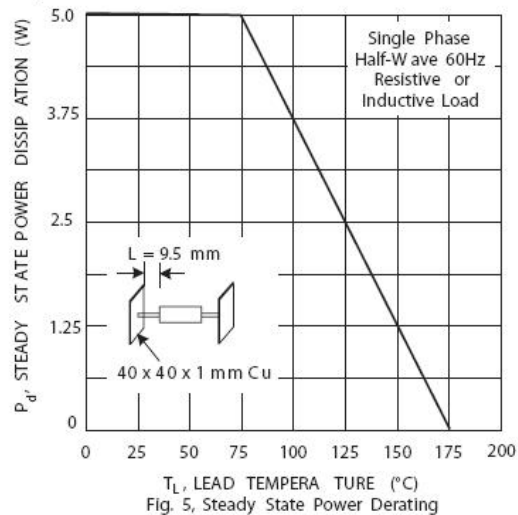


Fig. 5, Steady State Power Derating

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 |

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

Technical Data

Data Sheet N0209, Rev. D

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 | 42.90 | 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 |

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

DISCLAIMER:

- 1- The information given herein, including the specifications and dimensions, is subject to change without prior notice to improve product characteristics. Before ordering, purchasers are advised to contact the SMC - Sangdest Microelectronics (Nanjing) Co., Ltd sales department for the latest version of the datasheet(s).
- 2- In cases where extremely high reliability is required (such as use in nuclear power control, aerospace and aviation, traffic equipment, medical equipment, and safety equipment), safety should be ensured by using semiconductor devices that feature assured safety or by means of users' fail-safe precautions or other arrangement.
- 3- In no event shall SMC - Sangdest Microelectronics (Nanjing) Co., Ltd be liable for any damages that may result from an accident or any other cause during operation of the user's units according to the datasheet(s). SMC - Sangdest Microelectronics (Nanjing) Co., Ltd assumes no responsibility for any intellectual property claims or any other problems that may result from applications of information, products or circuits described in the datasheets.
- 4- In no event shall SMC - Sangdest Microelectronics (Nanjing) Co., Ltd be liable for any failure in a semiconductor device or any secondary damage resulting from use at a value exceeding the absolute maximum rating.
- 5- No license is granted by the datasheet(s) under any patents or other rights of any third party or SMC - Sangdest Microelectronics (Nanjing) Co., Ltd.
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