

## 1500W, 6.8V - 440V Transient Voltage Suppressor

### FEATURES

- Excellent clamping capability
- Low dynamic impedance
- 1500W surge capability at 10 / 1000  $\mu$ s waveform
- Fast response time: Typically less than 1.0ps from 0 volt to  $V_{BR}$  for unidirectional and 5.0ns for bidirectional
- Typical  $I_R$  less than 1 $\mu$ A above 10V
- UL recognized file # E-326243
- Compliant to RoHS Directive 2011/65/EU and in accordance to WEEE 2002/96/EC
- Halogen-free according to IEC 61249-2-21



**DO-201**

### MECHANICAL DATA

**Case:** DO-201

Molding compound: UL flammability classification rating 94V-0

Part No. with suffix "H" means AEC-Q101 qualified

Packing code with suffix "G" means green compound (halogen-free)

**Terminal:** Pure tin plated leads, solderable per JESD22-B102

Meet JESD 201 class 2 whisker test

**Weight:** 0.94g (approximately)

| MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS ( $T_A=25^\circ\text{C}$ unless otherwise noted) |           |              |                  |
|-------------------------------------------------------------------------------------------------|-----------|--------------|------------------|
| PARAMETER                                                                                       | SYMBOL    | VALUE        | UNIT             |
| Peak power dissipation at $T_A=25^\circ\text{C}$ , $T_p=1\text{ms}$ (Note 1)                    | $P_{PK}$  | 1500         | W                |
| Steady state power dissipation at $T_L=75^\circ\text{C}$ lead lengths .375", 9.5mm (Note 2)     | $P_D$     | 5            | W                |
| Peak forward surge current, 8.3 ms single half sine-wave superimposed on rated load             | $I_{FSM}$ | 200          | A                |
| Maximum Instantaneous Forward Voltage at 50 A for Unidirectional Only (Note 3)                  | $V_F$     | 3.5 / 5.0    | V                |
| Operating junction temperature range                                                            | $T_J$     | - 55 to +175 | $^\circ\text{C}$ |
| Storage temperature range                                                                       | $T_{STG}$ | - 55 to +175 | $^\circ\text{C}$ |

Note 1: Non-repetitive current pulse per fig. 3 and derated above  $T_A=25^\circ\text{C}$  per fig. 2

Note 2: Mounted on copper pad area of 0.6" x 0.6" (16mm x 16mm)

Note 3:  $V_F=3.5\text{V}$  for devices of  $V_{BR} \leq 200\text{V}$  and  $V_F=5.0\text{V}$  max. for devices  $V_{BR} > 200\text{V}$

### Devices for Bipolar Applications

1. For bidirectional use C or CA suffix for types 1.5KE6.8 - types 1.5KE440
2. Electrical characteristics apply in both directions

| ORDERING INFORMATION |                 |              |                     |         |                        |
|----------------------|-----------------|--------------|---------------------|---------|------------------------|
| PART NO.             | PART NO. SUFFIX | PACKING CODE | PACKING CODE SUFFIX | PACKAGE | PACKING                |
| 1.5KExxx<br>(Note 1) | H               | A0           | G                   | DO-201  | 500 / Ammo box         |
|                      |                 | R0           |                     | DO-201  | 1,250 / 13" Paper reel |
|                      |                 | B0           |                     | DO-201  | 500 / Bulk packing     |

Note 1: "xxx" defines voltage from 6.8V (1.5KE6.8) to 440V (1.5KE440)

| EXAMPLE          |           |                 |              |                     |                                      |
|------------------|-----------|-----------------|--------------|---------------------|--------------------------------------|
| EXAMPLE PART NO. | PART NO.  | PART NO. SUFFIX | PACKING CODE | PACKING CODE SUFFIX | DESCRIPTION                          |
| 1.5KE100AHR0G    | 1.5KE100A | H               | R0           | G                   | AEC-Q101 qualified<br>Green compound |

RATINGS AND CHARACTERISTICS CURVES ( $T_A=25^\circ\text{C}$  unless otherwise noted)

FIG. 1 PEAK PULSE POWER RATING CURVE



FIG.2 PULSE DERATING CURVE



FIG. 3 CLAMPING POWER PULSE WAVEFORM



FIG. 4 MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT UNIDIRECTIONAL ONLY



FIG. 5 TYPICAL JUNCTION CAPACITANCE



| JEDEC TYPE NUMBER | GENERAL PART NUMBER | Nominal Voltage<br>V | Breakdown Voltage $V_{BR}$ (V)<br>(Note 1) |       | Test Current $I_T$ (mA) | Stand-Off Voltage $V_{WM}$ (V) | Maximum Reverse Leakage @ $V_{WM}$ $I_R$ ( $\mu$ A) | Maximum Peak Pulse Current $I_{PPM}$ (A) (Note 2) | Maximum Clamping Voltage @ $I_{PPM}$ $V_C$ (V) | Maximum Temperature Coefficient of $V_{BR}$ (%/ $^{\circ}$ C) |
|-------------------|---------------------|----------------------|--------------------------------------------|-------|-------------------------|--------------------------------|-----------------------------------------------------|---------------------------------------------------|------------------------------------------------|---------------------------------------------------------------|
|                   |                     |                      | Min                                        | Max   |                         |                                |                                                     |                                                   |                                                |                                                               |
| 1N6267            | 1.5KE6.8            | 6.8                  | 6.12                                       | 7.48  | 10                      | 5.50                           | 1000                                                | 145                                               | 10.8                                           | 0.057                                                         |
| 1N6267A           | 1.5KE6.8A           | 6.8                  | 6.45                                       | 7.14  | 10                      | 5.80                           | 1000                                                | 150                                               | 10.5                                           | 0.057                                                         |
| 1N6268            | 1.5KE7.5            | 7.5                  | 6.75                                       | 8.25  | 10                      | 6.05                           | 500                                                 | 134                                               | 11.7                                           | 0.061                                                         |
| 1N6268A           | 1.5KE7.5A           | 7.5                  | 7.13                                       | 7.88  | 10                      | 6.40                           | 500                                                 | 139                                               | 11.3                                           | 0.061                                                         |
| 1N6269            | 1.5KE8.2            | 8.2                  | 7.38                                       | 9.02  | 10                      | 6.63                           | 200                                                 | 126                                               | 12.5                                           | 0.065                                                         |
| 1N6269A           | 1.5KE8.2A           | 8.2                  | 7.79                                       | 8.61  | 10                      | 7.02                           | 200                                                 | 130                                               | 12.1                                           | 0.065                                                         |
| 1N6270            | 1.5KE9.1            | 9.1                  | 8.19                                       | 10.00 | 1.0                     | 7.37                           | 50                                                  | 114                                               | 13.8                                           | 0.068                                                         |
| 1N6270A           | 1.5KE9.1A           | 9.1                  | 8.65                                       | 9.55  | 1.0                     | 7.78                           | 50                                                  | 117                                               | 13.4                                           | 0.068                                                         |
| 1N6271            | 1.5KE10             | 10                   | 9.00                                       | 11.00 | 1.0                     | 8.10                           | 10                                                  | 105                                               | 15.0                                           | 0.073                                                         |
| 1N6271A           | 1.5KE10A            | 10                   | 9.50                                       | 10.5  | 1.0                     | 8.55                           | 10                                                  | 108                                               | 14.5                                           | 0.073                                                         |
| 1N6272            | 1.5KE11             | 11                   | 9.90                                       | 12.1  | 1.0                     | 8.92                           | 1                                                   | 97                                                | 16.2                                           | 0.075                                                         |
| 1N6272A           | 1.5KE11A            | 11                   | 10.5                                       | 11.6  | 1.0                     | 9.40                           | 1                                                   | 100                                               | 15.6                                           | 0.075                                                         |
| 1N6273            | 1.5KE12             | 12                   | 10.8                                       | 13.2  | 1.0                     | 9.72                           | 1                                                   | 91                                                | 17.3                                           | 0.078                                                         |
| 1N6273A           | 1.5KE12A            | 12                   | 11.4                                       | 12.6  | 1.0                     | 10.20                          | 1                                                   | 94                                                | 16.7                                           | 0.078                                                         |
| 1N6274            | 1.5KE13             | 13                   | 11.7                                       | 14.3  | 1.0                     | 10.50                          | 1                                                   | 82                                                | 19.0                                           | 0.081                                                         |
| 1N6274A           | 1.5KE13A            | 13                   | 12.4                                       | 13.7  | 1.0                     | 11.10                          | 1                                                   | 86                                                | 18.2                                           | 0.081                                                         |
| 1N6275            | 1.5KE15             | 15                   | 13.5                                       | 16.5  | 1.0                     | 12.10                          | 1                                                   | 71                                                | 22.0                                           | 0.084                                                         |
| 1N6275A           | 1.5KE15A            | 15                   | 14.3                                       | 15.8  | 1.0                     | 12.80                          | 1                                                   | 74                                                | 21.2                                           | 0.084                                                         |
| 1N6276            | 1.5KE16             | 16                   | 14.4                                       | 17.6  | 1.0                     | 12.90                          | 1                                                   | 67                                                | 23.5                                           | 0.086                                                         |
| 1N6276A           | 1.5KE16A            | 16                   | 15.2                                       | 16.8  | 1.0                     | 13.60                          | 1                                                   | 70                                                | 22.5                                           | 0.086                                                         |
| 1N6277            | 1.5KE18             | 18                   | 16.2                                       | 19.8  | 1.0                     | 14.50                          | 1                                                   | 59                                                | 26.5                                           | 0.088                                                         |
| 1N6277A           | 1.5KE18A            | 18                   | 17.1                                       | 18.9  | 1.0                     | 15.30                          | 1                                                   | 60                                                | 25.5                                           | 0.088                                                         |
| 1N6278            | 1.5KE20             | 20                   | 18.0                                       | 22.0  | 1.0                     | 16.20                          | 1                                                   | 54                                                | 29.1                                           | 0.090                                                         |
| 1N6278A           | 1.5KE20A            | 20                   | 19.0                                       | 21.0  | 1.0                     | 17.10                          | 1                                                   | 56                                                | 27.7                                           | 0.090                                                         |
| 1N6279            | 1.5KE22             | 22                   | 19.8                                       | 24.2  | 1.0                     | 17.80                          | 1                                                   | 49                                                | 31.9                                           | 0.092                                                         |
| 1N6279A           | 1.5KE22A            | 22                   | 20.9                                       | 23.1  | 1.0                     | 18.80                          | 1                                                   | 51                                                | 30.6                                           | 0.092                                                         |
| 1N6280            | 1.5KE24             | 24                   | 21.6                                       | 26.4  | 1.0                     | 19.40                          | 1                                                   | 45                                                | 34.7                                           | 0.094                                                         |
| 1N6280A           | 1.5KE24A            | 24                   | 22.8                                       | 25.2  | 1.0                     | 20.50                          | 1                                                   | 47                                                | 33.2                                           | 0.094                                                         |
| 1N6281            | 1.5KE27             | 27                   | 24.3                                       | 29.7  | 1.0                     | 21.80                          | 1                                                   | 40                                                | 39.1                                           | 0.096                                                         |
| 1N6281A           | 1.5KE27A            | 27                   | 25.7                                       | 28.4  | 1.0                     | 23.10                          | 1                                                   | 42                                                | 37.5                                           | 0.096                                                         |
| 1N6282            | 1.5KE30             | 30                   | 27.0                                       | 33.0  | 1.0                     | 24.30                          | 1                                                   | 36                                                | 43.5                                           | 0.097                                                         |
| 1N6282A           | 1.5KE30A            | 30                   | 28.5                                       | 31.5  | 1.0                     | 25.60                          | 1                                                   | 38                                                | 41.4                                           | 0.097                                                         |
| 1N6283            | 1.5KE33             | 33                   | 29.7                                       | 36.3  | 1.0                     | 26.80                          | 1                                                   | 33                                                | 47.7                                           | 0.098                                                         |
| 1N6283A           | 1.5KE33A            | 33                   | 31.4                                       | 34.7  | 1.0                     | 28.20                          | 1                                                   | 34                                                | 45.7                                           | 0.098                                                         |
| 1N6284            | 1.5KE36             | 36                   | 32.4                                       | 39.6  | 1.0                     | 29.10                          | 1                                                   | 30                                                | 52.0                                           | 0.099                                                         |
| 1N6284A           | 1.5KE36A            | 36                   | 34.2                                       | 37.8  | 1.0                     | 30.80                          | 1                                                   | 31                                                | 49.9                                           | 0.099                                                         |
| 1N6285            | 1.5KE39             | 39                   | 35.1                                       | 42.9  | 1.0                     | 31.60                          | 1                                                   | 27                                                | 56.4                                           | 0.100                                                         |
| 1N6285A           | 1.5KE39A            | 39                   | 37.1                                       | 41.0  | 1.0                     | 33.30                          | 1                                                   | 29                                                | 53.9                                           | 0.100                                                         |
| 1N6286            | 1.5KE43             | 43                   | 38.7                                       | 47.3  | 1.0                     | 34.80                          | 1                                                   | 25                                                | 61.9                                           | 0.101                                                         |
| 1N6286A           | 1.5KE43A            | 43                   | 40.9                                       | 45.2  | 1.0                     | 36.80                          | 1                                                   | 26                                                | 59.3                                           | 0.101                                                         |
| 1N6287            | 1.5KE47             | 47                   | 42.3                                       | 51.7  | 1.0                     | 38.10                          | 1                                                   | 23                                                | 67.8                                           | 0.101                                                         |
| 1N6287A           | 1.5KE47A            | 47                   | 44.7                                       | 49.4  | 1.0                     | 40.20                          | 1                                                   | 24                                                | 64.8                                           | 0.101                                                         |
| 1N6288            | 1.5KE51             | 51                   | 45.9                                       | 56.1  | 1.0                     | 41.30                          | 1                                                   | 21                                                | 73.5                                           | 0.102                                                         |
| 1N6288A           | 1.5KE51A            | 51                   | 48.5                                       | 53.6  | 1.0                     | 43.60                          | 1                                                   | 22                                                | 70.1                                           | 0.102                                                         |
| 1N6289            | 1.5KE56             | 56                   | 50.4                                       | 61.6  | 1.0                     | 45.40                          | 1                                                   | 19                                                | 80.5                                           | 0.103                                                         |
| 1N6289A           | 1.5KE56A            | 56                   | 53.2                                       | 58.8  | 1.0                     | 47.80                          | 1                                                   | 20                                                | 77.0                                           | 0.103                                                         |

| JEDEC TYPE NUMBER | GENERAL PART NUMBER | Nominal Voltage<br>V | Breakdown Voltage<br>$V_{BR}$ (V)<br>(Note 1) |      | Test Current<br>$I_T$<br>(mA) | Stand-Off Voltage<br>$V_{WM}$<br>(V) | Maximum Reverse Leakage<br>@ $V_{WM}$<br>$I_R$ ( $\mu A$ ) | Maximum Peak Pulse Current $I_{PPM}$<br>(A) (Note 2) | Maximum Clamping Voltage<br>@ $I_{PPM}$<br>$V_C$ (V) | Maximum Temperature Coefficient of $V_{BR}$ (%/°C) |
|-------------------|---------------------|----------------------|-----------------------------------------------|------|-------------------------------|--------------------------------------|------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
|                   |                     |                      | Min                                           | Max  |                               |                                      |                                                            |                                                      |                                                      |                                                    |
| 1N6290            | 1.5KE62             | 62                   | 55.8                                          | 68.2 | 1.0                           | 50.2                                 | 1                                                          | 17                                                   | 89.0                                                 | 0.104                                              |
| 1N6290A           | 1.5KE62A            | 62                   | 58.9                                          | 65.1 | 1.0                           | 53.0                                 | 1                                                          | 18                                                   | 85.0                                                 | 0.104                                              |
| 1N6291            | 1.5KE68             | 68                   | 61.2                                          | 74.8 | 1.0                           | 55.1                                 | 1                                                          | 16                                                   | 98.0                                                 | 0.104                                              |
| 1N6291A           | 1.5KE68A            | 68                   | 64.6                                          | 71.4 | 1.0                           | 58.1                                 | 1                                                          | 17                                                   | 92.0                                                 | 0.104                                              |
| 1N6292            | 1.5KE75             | 75                   | 67.5                                          | 82.5 | 1.0                           | 60.7                                 | 1                                                          | 14                                                   | 108                                                  | 0.105                                              |
| 1N6292A           | 1.5KE75A            | 75                   | 71.3                                          | 78.8 | 1.0                           | 64.1                                 | 1                                                          | 15                                                   | 103                                                  | 0.105                                              |
| 1N6293            | 1.5KE82             | 82                   | 73.8                                          | 90.2 | 1.0                           | 66.4                                 | 1                                                          | 13                                                   | 118                                                  | 0.105                                              |
| 1N6293A           | 1.5KE82A            | 82                   | 77.9                                          | 86.1 | 1.0                           | 70.1                                 | 1                                                          | 13.9                                                 | 113                                                  | 0.105                                              |
| 1N6294            | 1.5KE91             | 91                   | 81.9                                          | 100  | 1.0                           | 73.7                                 | 1                                                          | 12                                                   | 131                                                  | 0.106                                              |
| 1N6294A           | 1.5KE91A            | 91                   | 86.5                                          | 95.5 | 1.0                           | 77.8                                 | 1                                                          | 12.6                                                 | 125                                                  | 0.106                                              |
| 1N6295            | 1.5KE100            | 100                  | 90                                            | 110  | 1.0                           | 81.0                                 | 1                                                          | 10.9                                                 | 144                                                  | 0.106                                              |
| 1N6295A           | 1.5KE100A           | 100                  | 95                                            | 105  | 1.0                           | 85.5                                 | 1                                                          | 11.4                                                 | 137                                                  | 0.106                                              |
| 1N6296            | 1.5KE110            | 110                  | 99                                            | 121  | 1.0                           | 89.2                                 | 1                                                          | 9.9                                                  | 158                                                  | 0.107                                              |
| 1N6296A           | 1.5KE110A           | 110                  | 105                                           | 116  | 1.0                           | 94.0                                 | 1                                                          | 10.3                                                 | 152                                                  | 0.107                                              |
| 1N6297            | 1.5KE120            | 120                  | 108                                           | 132  | 1.0                           | 97.2                                 | 1                                                          | 9.1                                                  | 173                                                  | 0.107                                              |
| 1N6297A           | 1.5KE120A           | 120                  | 114                                           | 126  | 1.0                           | 102                                  | 1                                                          | 9.5                                                  | 165                                                  | 0.107                                              |
| 1N6298            | 1.5KE130            | 130                  | 117                                           | 143  | 1.0                           | 105                                  | 1                                                          | 8.4                                                  | 187                                                  | 0.107                                              |
| 1N6298A           | 1.5KE130A           | 130                  | 124                                           | 137  | 1.0                           | 111                                  | 1                                                          | 8.7                                                  | 179                                                  | 0.107                                              |
| 1N6299            | 1.5KE150            | 150                  | 135                                           | 165  | 1.0                           | 121                                  | 1                                                          | 7.3                                                  | 215                                                  | 0.108                                              |
| 1N6299A           | 1.5KE150A           | 150                  | 143                                           | 158  | 1.0                           | 128                                  | 1                                                          | 7.6                                                  | 207                                                  | 0.108                                              |
| 1N6300            | 1.5KE160            | 160                  | 144                                           | 176  | 1.0                           | 130                                  | 1                                                          | 6.8                                                  | 230                                                  | 0.108                                              |
| 1N6300A           | 1.5KE160A           | 160                  | 152                                           | 168  | 1.0                           | 136                                  | 1                                                          | 7.1                                                  | 219                                                  | 0.108                                              |
| 1N6301            | 1.5KE170            | 170                  | 153                                           | 187  | 1.0                           | 138                                  | 1                                                          | 6.4                                                  | 244                                                  | 0.108                                              |
| 1N6301A           | 1.5KE170A           | 170                  | 162                                           | 179  | 1.0                           | 145                                  | 1                                                          | 6.7                                                  | 234                                                  | 0.108                                              |
| 1N6302            | 1.5KE180            | 180                  | 162                                           | 198  | 1.0                           | 146                                  | 1                                                          | 6.1                                                  | 258                                                  | 0.108                                              |
| 1N6302A           | 1.5KE180A           | 180                  | 171                                           | 189  | 1.0                           | 154                                  | 1                                                          | 6.4                                                  | 246                                                  | 0.108                                              |
| 1N6303            | 1.5KE200            | 200                  | 180                                           | 220  | 1.0                           | 162                                  | 1                                                          | 5.4                                                  | 287                                                  | 0.108                                              |
| 1N6303A           | 1.5KE200A           | 200                  | 190                                           | 210  | 1.0                           | 171                                  | 1                                                          | 5.7                                                  | 274                                                  | 0.108                                              |
|                   | 1.5KE220            | 220                  | 198                                           | 242  | 1.0                           | 175                                  | 1                                                          | 4.5                                                  | 344                                                  | 0.110                                              |
|                   | 1.5KE220A           | 220                  | 209                                           | 231  | 1.0                           | 185                                  | 1                                                          | 4.8                                                  | 328                                                  | 0.110                                              |
|                   | 1.5KE250            | 250                  | 225                                           | 275  | 1.0                           | 202                                  | 1                                                          | 4.3                                                  | 360                                                  | 0.110                                              |
|                   | 1.5KE250A           | 250                  | 237                                           | 263  | 1.0                           | 214                                  | 1                                                          | 4.5                                                  | 344                                                  | 0.110                                              |
|                   | 1.5KE300            | 300                  | 270                                           | 330  | 1.0                           | 243                                  | 1                                                          | 3.6                                                  | 430                                                  | 0.110                                              |
|                   | 1.5KE300A           | 300                  | 285                                           | 315  | 1.0                           | 256                                  | 1                                                          | 3.8                                                  | 414                                                  | 0.110                                              |
|                   | 1.5KE350            | 350                  | 315                                           | 385  | 1.0                           | 284                                  | 1                                                          | 3.1                                                  | 504                                                  | 0.110                                              |
|                   | 1.5KE350A           | 350                  | 333                                           | 368  | 1.0                           | 300                                  | 1                                                          | 3.2                                                  | 482                                                  | 0.110                                              |
|                   | 1.5KE400            | 400                  | 360                                           | 440  | 1.0                           | 324                                  | 1                                                          | 2.7                                                  | 574                                                  | 0.110                                              |
|                   | 1.5KE400A           | 400                  | 380                                           | 420  | 1.0                           | 342                                  | 1                                                          | 2.8                                                  | 548                                                  | 0.110                                              |
|                   | 1.5KE440            | 440                  | 396                                           | 484  | 1.0                           | 356                                  | 1                                                          | 2.4                                                  | 631                                                  | 0.110                                              |
|                   | 1.5KE440A           | 440                  | 418                                           | 462  | 1.0                           | 376                                  | 1                                                          | 2.5                                                  | 602                                                  | 0.110                                              |

Notes:

1.  $V_{BR}$  measure after  $I_T$  applied for 300  $\mu s$ ,  $I_T$ =square wave pulse or equivalent.
2. Surge current waveform per figure. 3 and derate per figure. 2.
3. For bipolar types having  $V_{WM}$  of 10 volts and under, the  $I_R$  limit is doubled.
4. All terms and symbols are consistent with ANSI/IEEE C62.35.

PACKAGE OUTLINE DIMENSIONS

**DO-201**



| DIM. | Unit (mm) |      | Unit (inch) |       |
|------|-----------|------|-------------|-------|
|      | Min       | Max  | Min         | Max   |
| A    | 5.00      | 5.60 | 0.197       | 0.220 |
| B    | 0.96      | 1.06 | 0.038       | 0.042 |
| C    | 25.40     | -    | 1.000       | -     |
| D    | 8.50      | 9.50 | 0.335       | 0.375 |
| E    | 25.40     | -    | 1.000       | -     |

MARKING DIAGRAM



- P/N = Specific Device Code
- G = Green Compound
- YWW = Date Code
- F = Factory Code

Note: Cathode band for uni-directional products only

## Notice

Specifications of the products displayed herein are subject to change without notice. TSC or anyone on its behalf, assumes no responsibility or liability for any errors or inaccuracies.

Information contained herein is intended to provide a product description only. No license, express or implied, to any intellectual property rights is granted by this document. Except as provided in TSC's terms and conditions of sale for such products, TSC assumes no liability whatsoever, and disclaims any express or implied warranty, relating to sale and/or use of TSC products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright, or other intellectual property right.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify TSC for any damages resulting from such improper use or sale.

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренеспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)