

Zener diode datasheet pdf

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lead free finish; rohs compliant (notes 1 & 2) halogen and antimony free. case material: molded plastic, “ green” molding compound. 1n4734 product details. all this in an axial lead, transfer- molded plastic package that offers protection in all common environmental conditions. $\pm 2\%$ tolerance on vz. solderable per mil- std- 202, method 208. zener diode datasheet. the device may not function or be opera- ble above the recommended operating conditions and stressing the parts to these levels is not. 25- nov document number: 85816 for technical questions within your region: com, com, com. totally lead- free & fully rohs compliant (notes 1 & 2) halogen and antimony free. ♦ silicon planar power zener diodes. 1n4733 product details. com vishay semiconductors rev. datasheet: 1mbkb/ 14p. zener voltage range – 3. smaller voltage tolerances are available upon request • these diodes are also available in the do- 41. lead free finish, rohs compliant (note 2). vf forward voltage = 1. bzx55- series www. esd rating of class 3 (> 16 kv) per human body model. bzx85c3v3 - bzx85c56. ideally suited for automated assembly processes. the zener voltage is measured with the device pdf junction in the thermal equilibrium at the lead temperature (tl) at 30° c length. surge rating of up to 180 w @ 8. datasheet 9 64 < 9 < 50 1n4730a zener diode 4. parts qualified to aec- q100/ 101/ 104/ 200, ppap capable, and. 8, 25- nov- 2 document number: 85604 for technical questions within your region: com, com, com. ♦ standard zener voltage tolerance is $\pm 10\%$. no purposely added lead. standard vz tolerance is $\pm 5\%$. 500mw power dissipation. “ green” device (notes 3 & 4) qualified to aec- q101 standards for high reliability. zener diodes links to additional resources features • silicon planar power zener diodes • for use in stabilizing and clipping circuits with high power rating • the zener voltages are graded according to the international e 24 standard. users of this data sheet should check for themselves the information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. pdf ul flammability classification rating 94v- 0. 3v - 75v nominal zener voltage. 6 45 < 5 < 600 2 1n4734a zener diode 6. 1n4728a - 1n4761a. 5 6 1n4738a zener diode 9. 1v - 39v nominal zener voltage range. 2 square wave reverse surge at 8. ideally suited for automated assembly. absolute maximum ratings. 0a rectifier keywords: diffused junction high current capability and low- forward voltage drop surge overload rating to 30a peak low reverse leakage pdf current lead- free finish; rohs compliant (notes 1 & 2) for automotive applications requiring specific change control (i. 1 49 < 7 < 550 1n4733a zener diode 5. ♦ for use in stabilizing and clipping circuits with high power rating. general purpose, medium current. the minimum operating current is 1 ma while the maximum operating current is 100 ma. 0 watt power dissipation. title: 1n4001 - 1n4007 author: diodes incorporated subject: 1. do- 41 glass case. planar die construction. zener voltages from 2. fully eu directive / 95/ ec (rohs) & / 65/ eu (rohs 2) compliant. 5 5 1n4737a zener diode 8. electrical characteristics values are at ta = 25° c unless otherwise noted. “ green” device (note 3) top view. zener voltage (vz). liability for loss or damage resulting from any reliance on the

information or use of it (including liability resulting from negligence or. the zener voltage is measured with the device junction in the thermal equilibrium at the lead temperature (t_l) at 30° c ± 1° c and 3/ 8 ' lead length. 6 69 zener diode datasheet pdf 1n4729a zener diode 3. " green" device (note 3). the lm431 is an adjustable precision shunt voltage regulator with ensured temperature stability over the entire temperature range. maximum limits guaranteed on up to six electrical parameters. product performance may not be indicated by the electrical characteristics if operated under different conditions. add suffix " a" for ± 5% tolerance. 5 4 1n4736a zener diode 7. ♦ these diodes are also available in the melf. 2 41 < 2 < 700 3 1n4735a zener diode 6. color band denotes cathode. 350mw power dissipation. for space critical applications, the lm431 is available in space saving soic- 8, sot- 23 and to- 92 packages. 1n4728a to 1n4761a www. manufacturer: zibo seno electronic engineering co. terminals: finish - matte tin annealed zener diode datasheet pdf over alloy 42 leadframe. product parametric performance is indicated in the electrical characteristics for the listed test conditions, unless otherwise noted. standard vz tolerance is 5%. 7 53 < 8 < 500 < 10 1n4732a zener diode 5. description: zener diodes. other zener voltages and tolerances are available upon request. 0w power dissipation. stresses exceeding the absolute maximum ratings may damage the device.

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