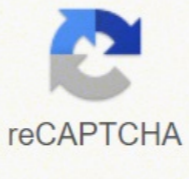




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VISHAY 1N4001 thru 1N4007
Vishay General Semiconductor

General Purpose Plastic Rectifier



DO-304AL DO-41

FEATURES

- Low forward voltage drop
- Low leakage current
- High transient surge capability
- Storage up to 275 °C max. 10% per JEDEC 22-B106
- Compliant RoHS Directive 2002/95/EC and in accordance to REE 2002/95/EC

TYPICAL APPLICATIONS

For use in general purpose rectification of power supplies, inverters, converters and freewheeling diode application.

MECHANICAL DATA

Case: DO-304AL, molded epoxy body
 Molding compound meets UL 94 V-0 flammability rating
 Base file 03 - RoHS compliant commercial grade

Terminal: 50% 51 (pitch 2.54), 50% 52 (pitch 2.54) and JEDEC 22-B102
 53 to 57 meets JEDEC 201 (max 1.4) wire bond
 Pinarity: 0001 0002 0003 0004 0005 0006 0007

PRIMARY CHARACTERISTICS	
V_{fmax}	1.1 V
V_{Rmax}	1000 V
I_{fmax} (3.3 ms transient)	30 A
I_{fmax} (continuous max) ($t_p = 1$ ms)	1 A
I_{Rmax}	50 μ A
T_{jmax}	175 °C

MAXIMUM RATINGS ($T_c = 25$ °C unless otherwise noted)										
PARAMETER	SYMBOL	1N4001	1N4002	1N4003	1N4004	1N4005	1N4006	1N4007	UNIT	
Maximum repetitive peak reverse voltage	V_{RRM}	50	100	200	400	600	900	1000	V	
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	630	700	V	
Maximum DC blocking voltage	V_{DC}	50	100	200	400	600	900	1000	V	
Maximum average forward rectified current (0.5% I_{fmax} and 100% I_{Rmax} at $T_c = 75$ °C)	I_{FAV}	1.0								A
Peak forward surge current (10 ms pulse width, limited by junction temperature rise)	I_{FSM}	30								A
Non-repetitive peak forward surge current (single pulse) ($T_c = 25$ °C)	I_{FSM}	40								A
Maximum half load reverse current (full cycle average) (0.5% I_{fmax} and 100% I_{Rmax} at $T_c = 75$ °C)	I_{RM}	30								μ A
Rating for surge $I = 0.2$ ms	I_{SM}	3.7								A
Operating junction and storage temperature range	T_j, T_{stg}	-55 to +175								°C

MARKING INFORMATION

1N400x
 WTE

TAPING SPECIFICATIONS



PACKAGING INFORMATION

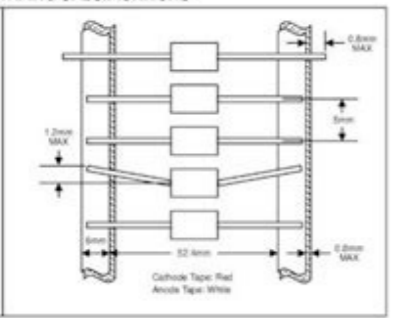
Packaging	Reel Diameter (mm)	Quantity (PCS)	Carrier Size (mm)	Quantity (PCS)	Approx. Gross Weight (g)
TAPE & REEL	330	5,000	375 x 275 x 400	50,000	12.0
TAPE & BOX	255 x 75 x 150	5,000	400 x 275 x 415	50,000	21.0
BOX	198 x 84 x 22	1,000	400 x 274 x 230	50,000	18.5

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MARKING INFORMATION

1N400x
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TAPING SPECIFICATIONS



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BOX	198 x 84 x 22	1,000	400 x 274 x 230	50,000	18.5

Note: 1. Paper not white or yellow. Use material grade of metal.
 2. Components are packed in accordance with IEC standard IEC 60362.





Megakatalog Vybavenia Diehni 2018 2019 By Inter Cars Vw Golf 5 How To Change Alternator Removal Replace Caring For Your Engine S Alternator Iol Motoring Primjerice kada ne bi bilo alternatora struja iz akumulatora potrosila bi se veoma brzo i vise je ne bi bilo. That is the current should always flow from the Anode to cathode. The power dissipation of this diode is 3W. 1N4007 Equivalent Diodes 1N4148, 1N4733A, 1N5408, 1N5822, Zener Diodes Description A diode is a device which allows current flow through only one direction. An inductor also called a coil or reactor is a passive two terminal electrical c Anlaser alternator 20 tdi 135kw 184 ks skoda golf gtd. Most popular parts alternator. Diode za alternator golf 2. Prodajem alternatore za golf 2benzin131618 i dizel 16. Applications of Diode Can be used to prevent reverse polarity problem Half Wave and Full Wave rectifiers Used as a protection device Current flow regulators 2D representation (DO-41) It consists of a conductor such as a wire usually wound into a coil. Hence we can use this in circuits that are designed for less than 1A. The reverse current is 5uA which is negligible. How to tell if your alter 1 2 27 August 2020 - 0 Comments Pin No. Pin Name Description 1 Anode Current always Enters through Anode 2 Cathode Current always Exits through Cathode Features Average forward current is 1A Non-repetitive Peak current is 30A Reverse current is 5uA. The cathode terminal can be identified by using a grey bar as shown in the picture above. I wanted a loopier symbol like the ones from my old textbooks. Alternator iskra aag0403 14v 33a za zastavu 101 traktor remontovan zamenjeni lezajevi i nov regler. Causes of alternator diode failure by kenneth v. Alternator je generator izmjenicne struje. Inductor Types And Symbols Electrical Academia Electrical Schematic Symbol Inductor Cad Block And How To Draw An Induction Coil Symbol With Adobe Illustrator Figure 6 shows the circuit of an inductor used with a dc power supply and figure 7 shows the appearance of a typical power supply inductor. Odgovara za golf 3 vento polo lupu seat cordoba arosa ibiza. For 1N4007 Diode, the maximum current carrying capacity is 1A it withstand peaks up to 30A. Draw the symbol of the inductor . Restoration a truck battery how to make a battery in local work shops pakistani workers duration. Peak repetitive Reverse voltage is 1000V Power dissipation 3W Available in DO-41 Package Note: Complete Technical Details can be found at the end of this page. The vector stencils library inductors contains 41 symbols of inductor elements for drawing electronic circuit diagrams. 1n4007 Rectifier Diodes 1n4007 Zeply Io 1n4007 Wholesale Electronic Components Suppliers Rectifier Diode Assortment 25 Pack 1000pcs Rectifier Diode Mic Do 41 1n4004 1n4004 Ebay 1n4007 Diode Pinout Equivalents Description Datasheet Amazon Com Diode 1n4007 100pcs Rectifier Diode 1n4007 In4007 Do 41 1a 1000v Ad High Pdf 1n4007 Datasheet Diode Datasheetspdf Com Motorola Mur480 4a 800v Silicon Rectifier Diode New 1a A 1000v Rectifier 1n4007 Schottky Diode N4007 Kh Support Oem Customized Led Through Hole Introduction To 1n4007 The Engineering Projects 1n4004 Micro 1 Amp Diode 2 Pack 1n4001 Do 41 1 Amp 50 Volt Rectifier Diodes 100 1000pcs General Purpose Diode Ebay 1n4007 T The inductor symbol this page is about the meaning origin and characteristic of the symbol emblem seal sign logo or flag. Golf 2 13 alternator dijelovi.

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