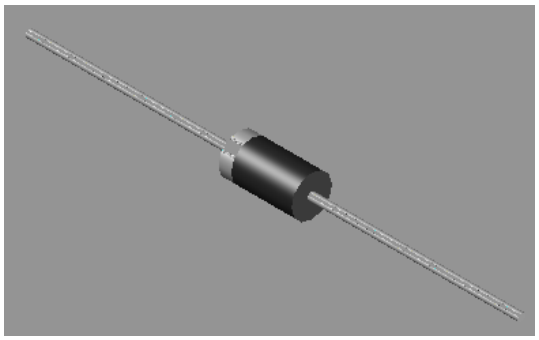
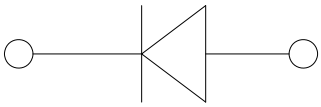
1N5400G THRU 1N5408G

RoHS
COMPLIANT



For use in general purpose rectification of power supplies, inverters, converters, and freewheeling diodes for consumer, and telecommunication.



Mechanical Data

- **Package**:DO-201AD(DO-27)

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant

- **Terminals**: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:**Color band denotes cathode end

yMaximum Ratings (Ta=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	1N5400G	1N5401G	1N5402G	1N5404G	1N5406G	1N5407G	1N5408G
Device marking code			1N5400G	1N5401G	1N5402G	1N5404G	1N5406G	1N5407G	1N5408G
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	V_{RMS}	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage	V_{DC}	V	50	100	200	400	600	800	1000

Average Forward Current
@60Hz sine wave, Resistance load, Ta =70

	^2t	A^2s	166
Typical junction capacitance @Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	Cj	pF	40
Storage Temperature	T_{stg}		-55 ~ +150
Junction Temperature	T_j		-55 ~ +150

■Electrical Characteristics T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	1N5400G	1N5401G	1N5402G	1N5404G	1N5406G	1N5407G	1N5408G
Maximum instantaneous forward voltage drop per diode	VF	V	I_F=3.0A	1.0						
Maximum DC reverse current at rated DC blocking voltage per diode	IR	μA	T_j=25	2.5						
			T_j=125	100						

v7KHUPDO &KDUDÄF7WHULVWLFV RWKHUÅLVH VSHFLILHG

3$5$0(7(5	6<0%2/	81,7	1 *	1 *	1 *	1 *	1 *	1 *	1 *
7\SLFDO 7KHUPDO	5H5VL$VWDQF:								

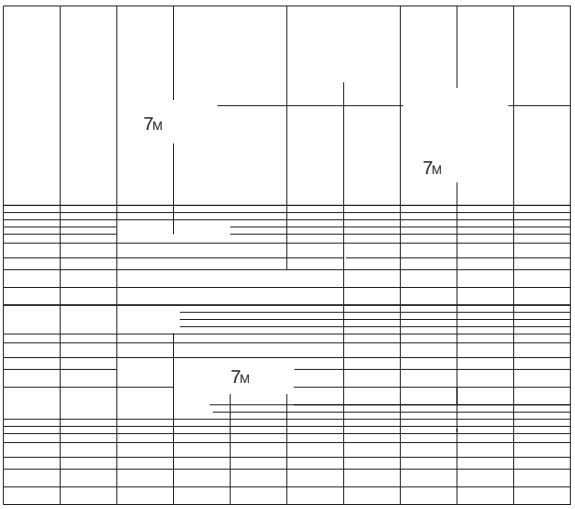
v2UGHULQJ ,QIR(UDWLRQ

35()(5(' 3 1	3$&.$*(&2'(	81,7 :(,*+7	0,1,080 3$&.$*(SF'	,11(5 %2; 48$17,7< S[	287(5 &$572 48$17,7< S	'(/,9(5< 02'(	
1 *a 1 *	'	$SSUR[LPDWH					7DSH
1 *a 1 *	&	$SSUR[LPDWH					%XO

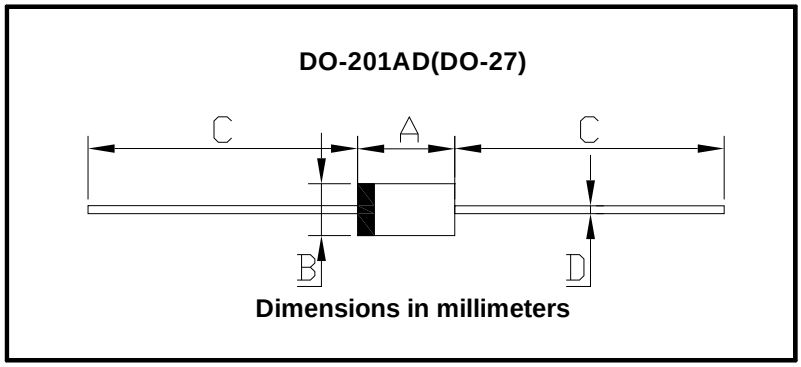
v &KDUDFWHU7\SLVWLF DFV

.QVWDQWDQHRXV 5HYHUVH &XUUHQW X$

),* 7\SLFDO 5HYHUVH &KDUDFWHULVW



■ Outline Dimensions



DO-201AD(DO-27)		
Dim	Min	Max
A	8.50	9.50
B	5.00	5.60
C	25.4	/
D	1.20	1.30