- High surge current capability
- Low power loss
- Compliant to RoHS Directive 2011/65/EU and in accordance to WEEE 2002/96/EC
- Halogen-free according to IEC 61249-2-21 definition

MECHANICAL DATA

Case: A-405

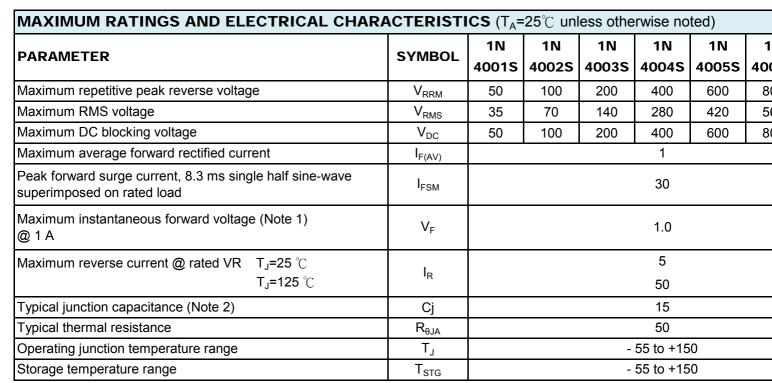
Molding compound, UL flammability classification rating 94V-0

Base P/N with suffix "G" on packing code - halogen-free

Terminal: Matte tin plated leads, solderable per JESD22-B102

Meet JESD 201 class 1A whisker test

Weight: 0.2g (approximately)



Note 1: Pulse test with PW=300 µs, 1% duty cycle

Note 2: Measured at 1 MHz and Applied Reverse Voltage of 4.0V D.C.

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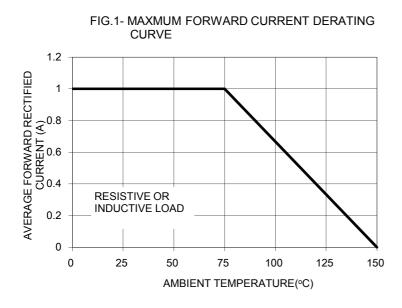
(Note 1)	A0	Sullix G	A-405	3K / AMMO box
	R0		A-405	5K / 13" Reel
	В0		A-405	1K / Bulk packing

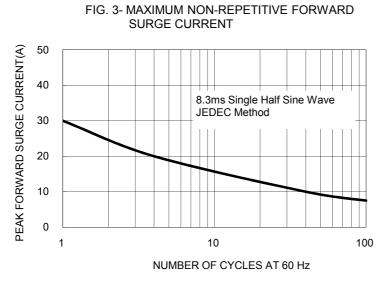
Note 1: "x" defines voltage from 50V (1N4001S) to 1000V (1N4007S)

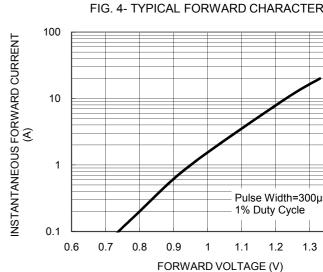
EXAMPLE									
PREFERRED P/N	PART NO.	PACKING CODE	GREEN COMPOUND	DESCRIPTIO					
			CODE						
1N4007S A0	1N4007S	A0							
1N4007S A0G	1N4007S	A0	G	Green compour					

RATINGS AND CHARACTERISTICS CURVES

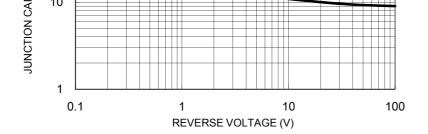
(TA=25°C unless otherwise noted)



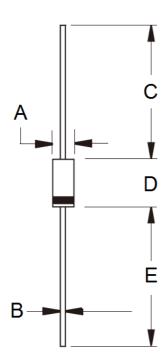




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PACKAGE OUTLINE DIMENSIONS



DIM.	Unit	(mm)	Unit (inch)		
DIIVI.	Min	Max	Min	Max	
Α	2.00	2.70	0.079	0.106	
В	0.53	0.64	0.021	0.025	
С	25.40	-	1.000	-	
D	4.20	5.20	0.165	0.205	
E	25.40	-	1.000	-	

MARKING DIAGRAM



P/N = Specific Device Code

G = Green Compound

YWW = Date Code

F = Factory Code

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Document Number: DS_D1401031

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