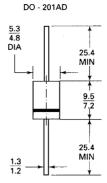
1N5400...1N5408 **PLASTIC SILICON RECTIFIERS**

FEATURES

- * Low forward voltage
- * High current capability
- * Low leakage current
- * High surge capability
- * Low cost



VOLTAGE RANCE 50 to 1000 Volts **CURRENT** 3.0 Amperes

Dimensions in mm

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperture unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%

or capacitive road, derate carrent by 2070.		_
	1N5400	1
* Maximum Boourrant Book Boyaroo Valtago	50	Π

		1N5400	1N5401	1N5402	1N5403	1N5404	1N5405	1N5406	1N5407	1N5408	UNITS
* Maximum Recurrent Peak Reverse Voltage Maximum RMS Voltage * Maximum DC Blocking Voltage to T _A = 150 °C * Maximum Average Forward Rectified Current .5", (12.5mm) Lead Length at T _A = 75 °C		50	100	200	300	400	500	600	800	1000	V
		35	70	140	210	280	350	420	560	700	V
		50	100	200	300	400	500	600	800	1000	V
		3.0									A
* Peak Forward Surge Current 8.3 ms single half sine-wave						150			·		А
* Maximum Forward Voltage at 3.0A Pe	eak					1.0					٧
* Maximum Reverse Current,	T _A = 25 °C					10					μΑ
at Rated DC Blocking Voltage	T _A = 150 °C					500					μΑ
* Maximum Full Load Reverse Current, Full Cycle Average, .5", (12.5mm) Lead Lenght T _A = 105 °C						500					μА
Typical Junction Capacitance (Note 1))					50					pF
* Storage Temperature Range T _A						-65 to +	175				°C
* Operating Temperature Range T						-65 to +	170				°C

NOTES:

- 1. Measured at 1.0 MHz and applied reverse voltage of 4.0 Volts
- * JEDEC Registered Value.





