

DEC 9 1985
INC

✓ New
Electronic Components
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International Components Corporation
105 Maxess Road, Melville, N.Y. 11747
(516) 293-1500
Cable: INTECOMPCO MELV
Telex: 221576 ICC NY

1N5400GPP THRU 1N5408GPP

DI

3 AMP. GLASS PASSIVATED RECTIFIER



FEATURES

- Low cost
- Diffused junction
- Low leakage
- Low forward voltage drop
- High current capability and high reliability
- Easily cleaned with Freon, alcohol, Chlorothene and similar solvents
- The plastic material carries U/L recognition 94V-0

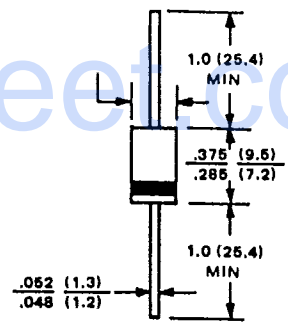
MECHANICAL DATA

Case: JEDEC DO-201AD, molded Plastic
Terminals: Plated axial leads, solderable per MIL-STD-202 Method 208
Polarity: Band denotes cathode
Weight: 0.04 ounce, 1.1 grams
Mounting position: Any

VOLTAGE RANGE
50 to 1000 Volts

CURRENT
3.0 Ampere

DO-201AD



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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

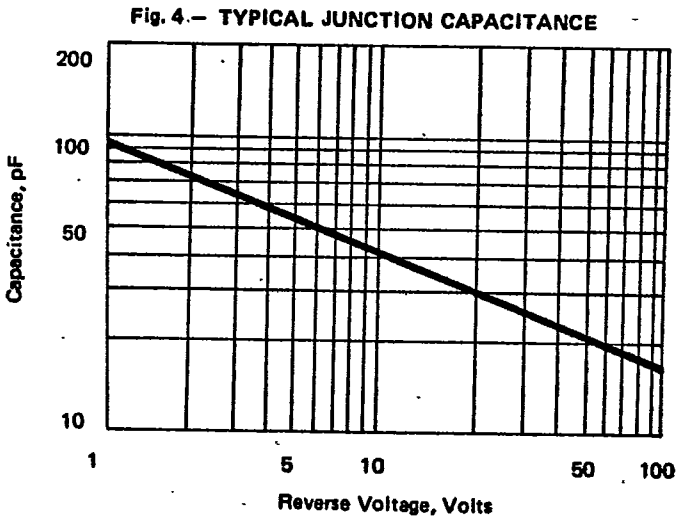
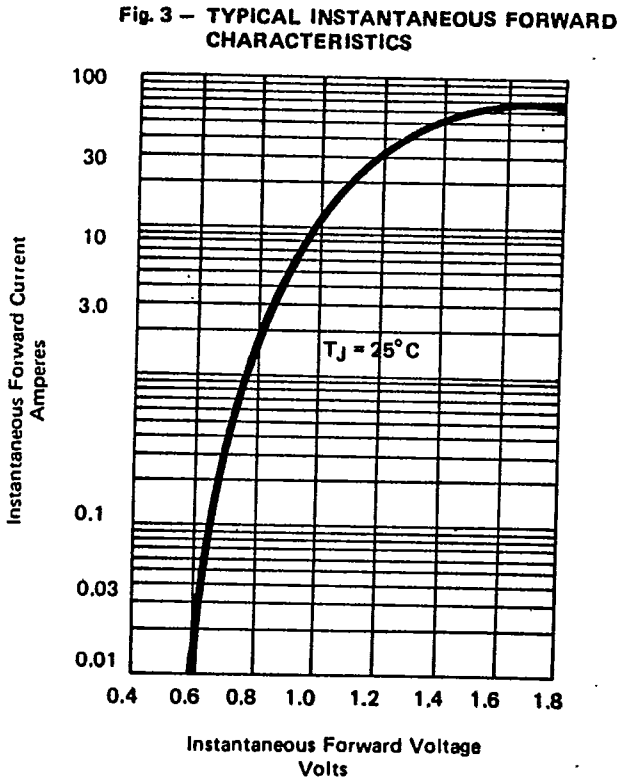
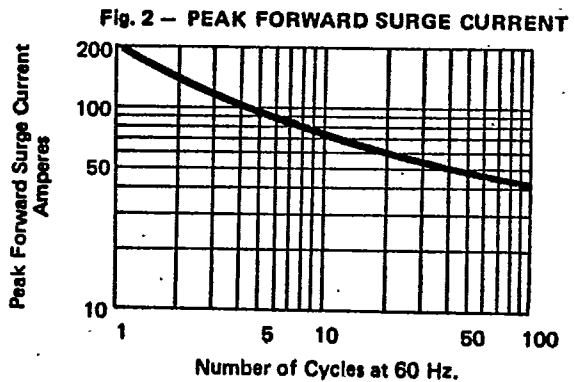
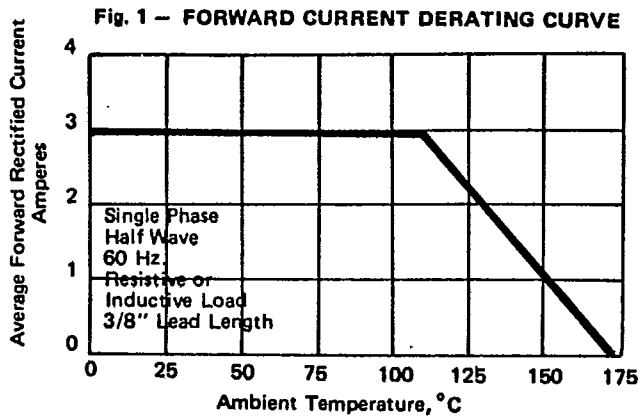
	1N5400 GPP	1N5401 GPP	1N5402 GPP	1N5403 GPP	1N5404 GPP	1N5405 GPP	1N5406 GPP	1N5407 GPP	1N5408 GPP	UNITS
*Maximum recurrent Peak Reverse Voltage	50	100	200	300	400	500	600	800	1000	V
*Maximum RMS Voltage	35	70	140	210	280	350	420	560	700	V
*Maximum DC Blocking Voltage	50	100	200	300	400	500	600	800	1000	V
*Maximum Average Forward Rectified Current 3/8" Lead Length at T _A = 105°C	3.0									A
*Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	200									A
*Maximum Forward Voltage at 3.0A DC	1.0									V
*Maximum DC Reverse Current at Rated DC Blocking Voltage	10 100									μA μA
Typical Junction Capacitance (Note 1)	70									pF
Typical Thermal Resistance (Note 2)	18									°C/W
Operating Temperature Range	-65 to +170									°C
Storage Temperature Range	-65 to +175									°C

NOTES: 1. As measured on a Boonton Capacitance Bridge, Model 75A-S8 at 1.0 MHz and applied reverse voltage of 4.0V DC.
2. Thermal Resistance Junction to Ambient.
• JEDEC registered values.

NOTE: Special Silicon Rectifier are also available.



**RATING AND CHARACTERISTIC CURVES
1N5400GPP THRU 1N5408GPP**



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