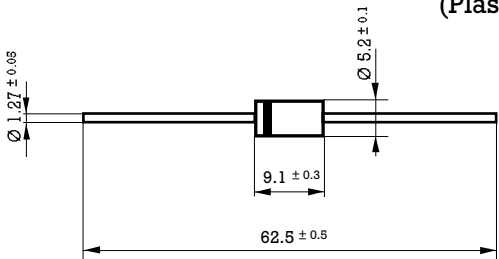


3 Amp. Glass Passivated Junction Rectifier

Dimensions in mm. DO-201AD (Plastic) 	Voltage 50 to 1000 V. Current 3.0 A. at 105°C. HYPERECTIFIER®
Mounting instructions 1. Min. distance from body to soldering point, 4 mm. 2. Max. solder temperature, 350°C. 3. Max. soldering time, 3.5 sec. 4. Do not bend lead at a point closer than 3 mm. to the body.	• Glass Passivated Junction • High current capability • The plastic material carries U/L recognition 94 V-0 • Terminals: Axial Leads • Polarity: Color band denotes cathode

Maximum Ratings, according to IEC publication No. 134

		1N 5400GP	1N 5401GP	1N 5402GP	1N 5404GP	1N 5406GP	1N 5407GP	1N 5408GP
V_{RRM}	Peak recurrent reverse voltage (V)	50	100	200	400	600	800	1000
$I_{F(AV)}$	Forward current at Tamb = 105 °C	3 A						
I_{FRM}	Recurrent peak forward current	30 A						
I_{FSM}	8.3 ms. peak forward surge current (Jedec Method)	200 A						
T_j	Operating temperature range	– 65 to + 175°C						
T_{stg}	Storage temperature range	– 65 to + 175 °C						
E_{RSM}	Maximum non repetitive peak reverse avalanche energy. $I_R = 1A$; $T_j = 25$ °C	20 mJ						

Electrical Characteristics at Tamb = 25°C

V_F	Max. forward voltage drop at $I_F = 3$ A	1.2 V
I_R	Max. reverse current at V_{RRM} at 25°C at 150°C	10 μ A 500 μ A
R_{thj-a}	Max. thermal resistance (l = 10 mm.)	30° C/W

Characteristic Curves

