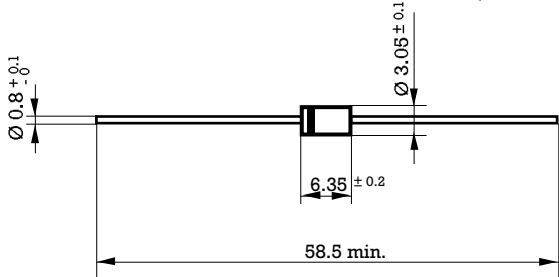


2 Amp. Silicon Rectifier Diodes

Dimensions in mm. DO-15 (Plastic)  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 2 mm. to the body.	Voltage 50 to 1000 V. Current 2.0 A. at 55°C.
	• Low cost • Diffused 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

		RF 2001	RF 2002	RF 2003	RF 2004	RF 2005	RF 2006	RF 2007
V_{RRM}	Peak recurrent and non recurrent reverse voltage (V)	50	100	200	400	600	800	1000
$I_{F(AV)}$	Forward current at $T_{amb} = 55^{\circ}C$	2 A						
I_{FRM}	Recurrent peak forward current	20 A						
I_{FSM}	8,3 ms. peak forward surge current (Jedec Method)	70 A						
T_j	Operating temperature range	- 65 to + 150 °C						
T_{stg}	Storage temperature range	- 65 to + 150 °C						

Electrical Characteristics at $T_{amb} = 25^{\circ}C$

V_F	Max. forward drop at $I_F = 2 A$	1.1V
I_R	Reverse current at V_{RRM} at $25^{\circ}C$	5 μA
R_{thj-a}	Max. thermal resistance ($l = 10 mm.$)	45° C/W

Characteristic Curves

