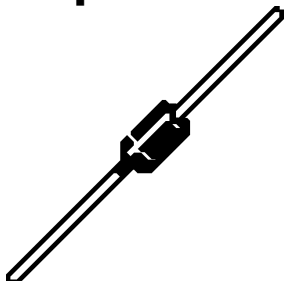
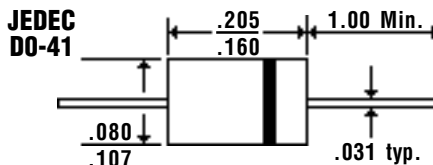


## Description



## Mechanical Dimensions



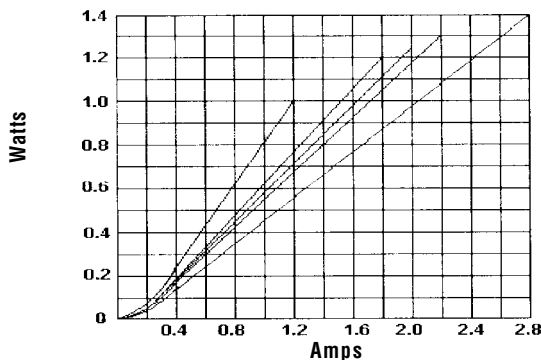
**SR220...260 Series**

## Features

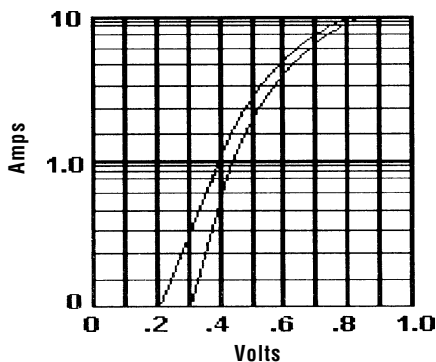
- LOW FORWARD VOLTAGE
- HIGH-SPEED SWITCHING
- PLANAR PROCESS FOR RELIABILITY
- MEETS UL SPECIFICATION 94V-0

Electrical Characteristics @ 25°C.	SR220 ... 260 Series					Units
Maximum Ratings	SR220	SR230	SR240	SR250	SR260	
Peak Repetitive Reverse Voltage... $V_{RRM}$	20	30	40	50	60	Volts
Working Peak Reverse Voltage... $V_{RWM}$	20	30	40	50	60	Volts
DC Blocking Voltage... $V_{DC}$	20	30	40	50	60	Volts
Average Forward Rectified Current... $I_{F(av)}$ @ $T_c = 135^\circ\text{C}$	2.0					Amps
Non-Repetitive Peak Forward Surge Current... $I_{FSM}$ @ Rated Current & Temp, 10mS Sine Wave	100					Amps
Forward Voltage @ 2.0A... $V_F$	0.55					Volts
DC Reverse Current... $I_R$ @ Rated DC Blocking Voltage	2.0					mAmps
Operating & Storage Temperature Range... $T_J, T_{STRG}$	-40 to 125					°C

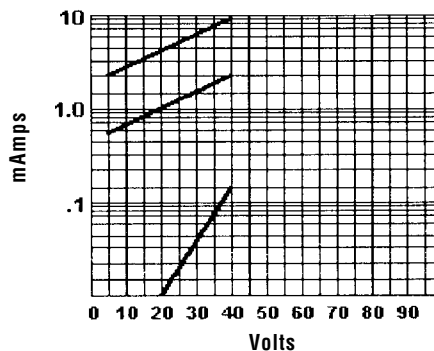
**Forward Power Dissipation**



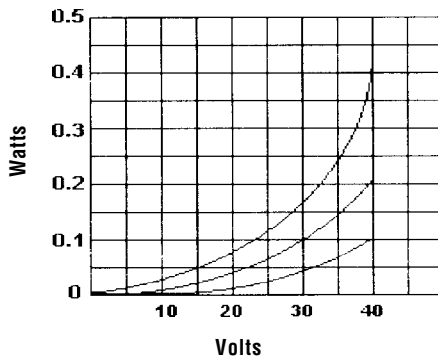
**Forward Voltage Characteristics**



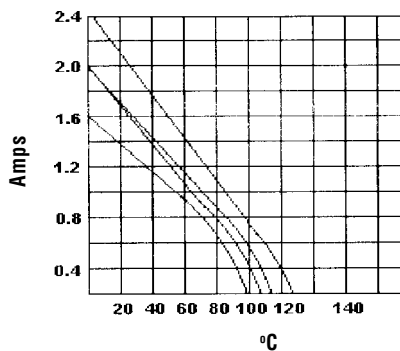
**Reverse Characteristics**



**Reverse Power Dissipation**



**Thermal Characteristics**



Ratings at  
25 Deg. C ambient  
temperature  
unless otherwise  
specified.

Single Phase Half  
Wave, 60 HZ  
Resistive or  
Inductive Load.

For Capacitive  
Load, Derate  
Current by 20%.

- NOTES:**
1. Measured @ 1 MHZ and applied reverse voltage of 4.0V.
  2. Thermal Resistance Junction to Ambient, Jedec Method.
  3. When Mounted to heat sink, from body.