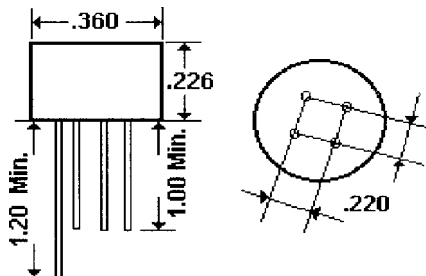


**2W005 . . . 10 Series**

## Description



## Mechanical Dimensions



**Mechanical Data:** Mounting Position - Any.  
Weight - 1.1 Grams.

## Features

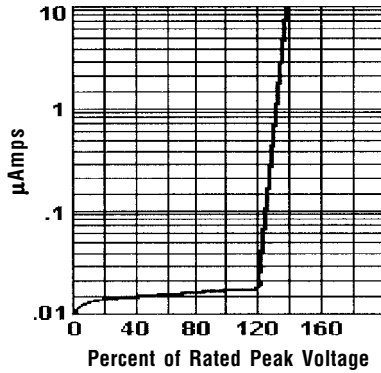
- **COMPACT SIZE**
- **200 AMP SURGE OVERLOAD RATING**
- **LOW LEAKAGE CURRENT**
- **MEETS UL SPECIFICATION 94V-0**

Electrical Characteristics @ 25°C.	<b>2W005 . . . 10 Series</b>							Units
<b>Maximum Ratings</b>	<b>2W005</b>	<b>2W01</b>	<b>2W02</b>	<b>2W04</b>	<b>2W06</b>	<b>2W08</b>	<b>2W10</b>	
Peak Repetitive Reverse Voltage... $V_{RRM}$	50	100	200	400	600	800	1000	Volts
RMS Reverse Voltage... $V_{R(rms)}$	35	70	140	280	420	560	700	Volts
DC Blocking Voltage... $V_{DC}$	50	100	200	400	600	800	1000	Volts
Average Forward Rectified Current... $I_{F(av)}$ $T_A = 25^\circ C$	..... 2.0 .....							Amps
Non-Repetitive Peak Forward Surge Current... $I_{FSM}$ 8.3 ms Single ½ Sine Wave Imposed on Rated Load	..... 60 .....							Amps
Forward Voltage... $V_F$ Bridge Element @ 2.0 Amps	..... 1.0 .....							Volts
DC Reverse Current... $I_R$ @ Rated DC Blocking Voltage	..... 10 .....							μAmps
	..... 1.0 .....							mAmps
Operating & Storage Temperature Range... $T_J, T_{STRG}$	..... -55 to 125 .....							°C

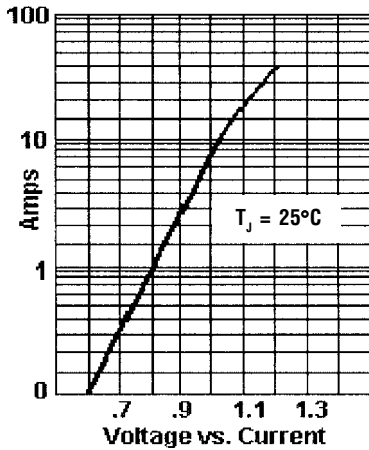
# 2.0 Amp SINGLE PHASE SILICON BRIDGE

**2W005 . . . 10 Series**

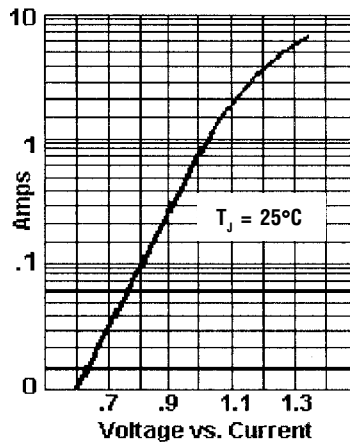
**Typical Reverse Characteristics**



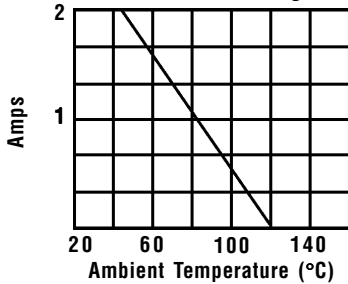
**Instantaneous Typical Forward Characteristics**



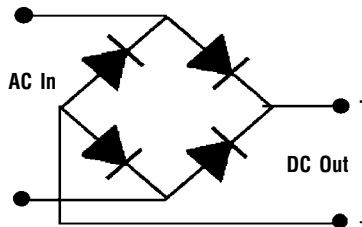
**Instantaneous Typical Forward Characteristics Per Element**



**Forward Current Derating Curve**



**Electrical Description**



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%.