



Micro Commercial Components

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**W005G  
 THRU  
 W10G**

**Features**

- High Current Capability, Ideal for printed circuit boards
- UL Recognized File # E165989
- High Temperature Soldering: 260°C for 10 seconds
- Reliable low cost construction technique results in inexpensive products
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0

**Maximum Ratings**

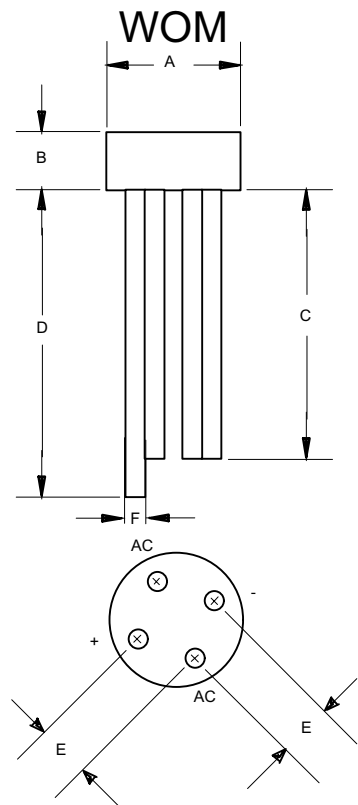
- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C
- For capacitive load. Derate current by 20%

MCC Part Number	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
W005G	50V	35V	50V
W01G	100V	70V	100V
W02G	200V	140V	200V
W04G	400V	280V	400V
W06G	600V	420V	600V
W08G	800V	560V	800V
W10G	1000V	700V	1000V

**Electrical Characteristics @ 25°C Unless Otherwise Specified**

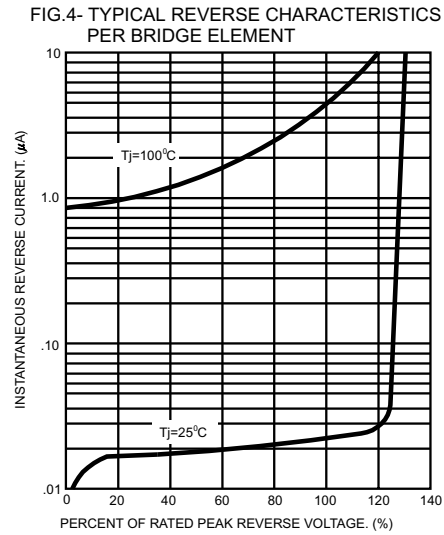
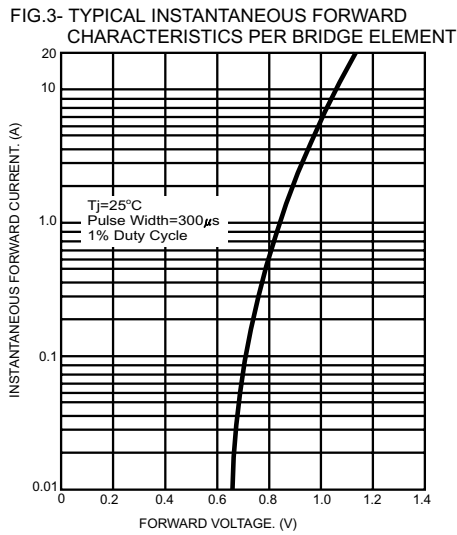
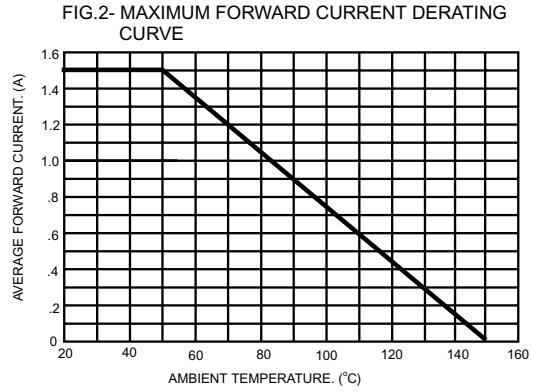
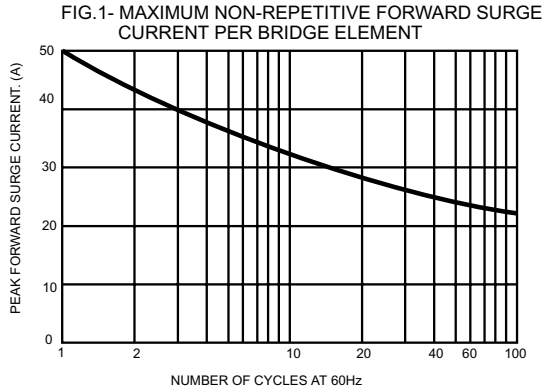
Average Forward Current	$I_{F(AV)}$	1.5 A	$T_a = 50^\circ\text{C}$
Peak Forward Surge Current	$I_{FSM}$	50A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	$V_F$	1.10V	$I_{FM} = 1.0A;$ $T_C = 25^\circ\text{C}$
Maximum DC Reverse Current At Rated DC Blocking Voltage	$I_R$	10µA 500µA	$T_C = 25^\circ\text{C}$ $T_C = 125^\circ\text{C}$

**1.5Amp Glass  
 Passivated Bridge  
 Rectifier  
 50 to 1000 Volts**



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	----	.358	-----	9.10	
B	----	.225	-----	5.70	
C	.866	---	22.00	---	
D	.945	---	24.00	---	
E	.180	.220	4.60	5.60	
F	.028	.032	0.71	0.81	

# W005G thru W10G





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