



DC COMPONENTS CO., LTD.

RECTIFIER SPECIALISTS

HVR6x2

TECHNICAL SPECIFICATIONS OF HIGH VOLTAGE PROTECTOR DIODE

FEATURES

- \* Low leakage current
- \* High overload surge capability
- \* Controlled avalanche characteristic combined with the ability to dissipate reverse power
- \* Ideal for microwave oven application

MECHANICAL DATA

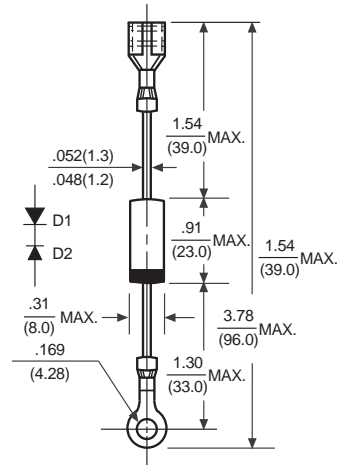
- \* Case: Molded plastic
- \* Epoxy: UL 94V-0 rate flame retardant
- \* Lead: MIL-STD-202E, Method 208 guaranteed
- \* Mounting position: Any

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.  
 Single phase, half wave, 60 Hz, resistive or inductive load.  
 For capacitive load, derate current by 20%.



HVM



Dimensions in inches and (millimeters)

	SYMBOL	D1	D2	UNITS
Maximum Recurrent Peak Reverse Voltage	VRRM	6000	1500	Volts
Maximum RMS Voltage	VRMS	4200	1050	Volts
Maximum DC Blocking Voltage	VDC	6000	1500	Volts
Reverse Avalanche Breakdown Voltage @ IR=100µA	VBR	7000 MIN.	2100-2800	Volts
Maximum DC Reverse Current at Rated DC Blocking Voltage TA= 25°C	IR	10		µAmps
Operating and Storage Temperature Range	TJ, TSTG	-40 to +130		°C