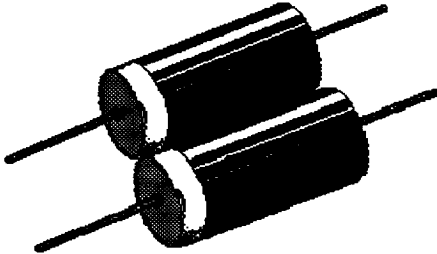


High Voltage, 550 mA, Microwave Oven Rectifier

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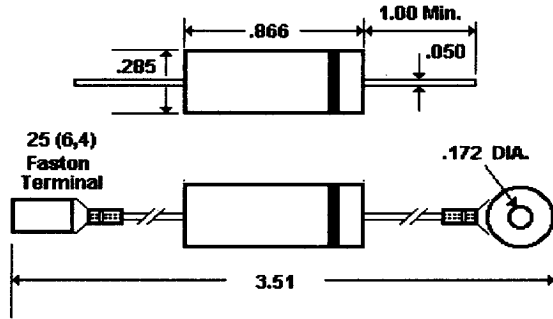
Description

HV05 series



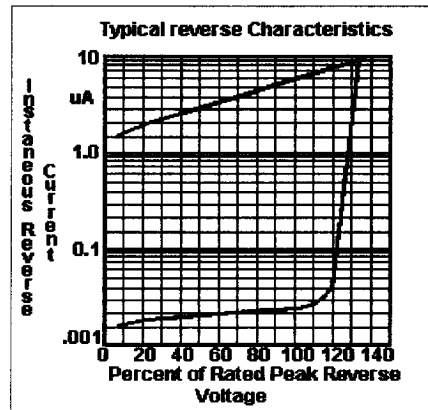
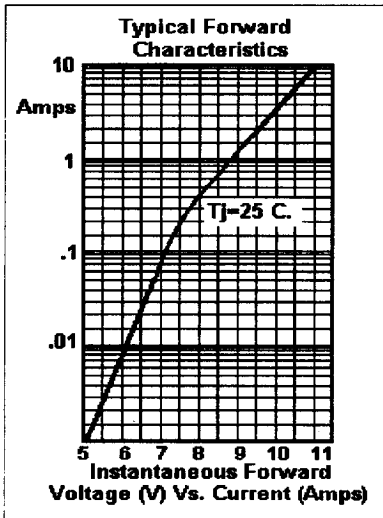
Mechanical Dimensions

HV05 series



Features

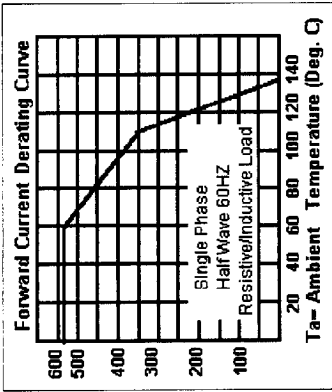
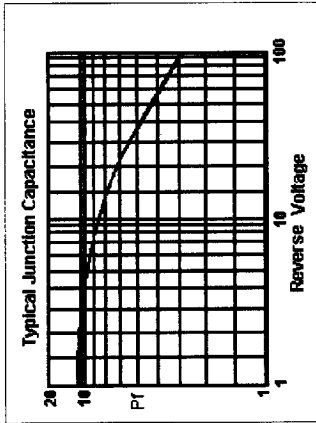
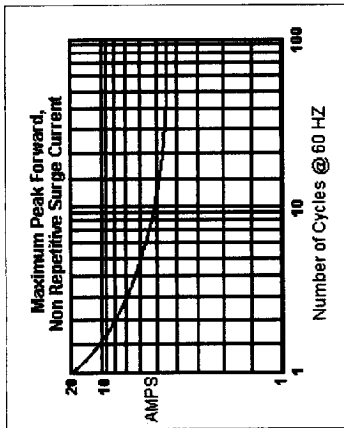
- High Overload Surge Capability
- Controlled Avalanche Characteristics
- High Temperature Soldering - 250 Deg C. 10 Seconds
- Meets or Exceeds UL Flammability Specification 94V-0
- Low Forward Voltage Drop
- Typical $I_r < 1 \mu A$



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High Voltage, 550 mA, Microwave Oven Rectifier

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Maximum Ratings and Electrical Characteristics (@25 Deg. C)

HV05 series						
	HV05-06	HV05-08	HV05-10	HV05-12	HV05-14	HV05-15
Maximum Recurrent Peak Reverse Voltage. (VRRM)	6000	8000	10000	12000	14000	15000
Maximum RMS Voltage. (VRMS)	4200	5600	7000	8400	9800	10,500
Maximum DC Blocking Voltage. (VDC)	6000	8000	10000	12000	14000	15000
Maximum Average Forward Current. (Iav)	-----550-----					
Ta = 60 Deg. C.	-----200-----					
Peak Forward Surge Current. (A _{pk})	-----100-----					
9.3 mS single 1/2 sine wave imposed on rated load (Jedec)	-----5.0-----					
Maximum Peak Reverse Surge Current, 8.3 mS single 1/2 sine wave imposed on rated load (Jedec)	-----10-----					
Maximum DC Reverse Current, @ Rated DC Blocking Voltage	-----18-----					
Maximum Instantaneous Forward Voltage. @ 550 mA	-----40 to 130-----					
Maximum Thermal Resistance	-----					
Operating & Storage Temperature	-----					

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