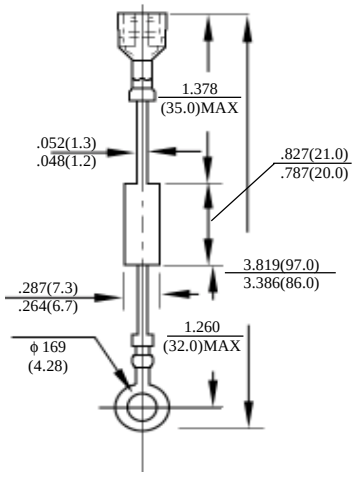
HVM5 – HVM16
HVP5 – HVP16

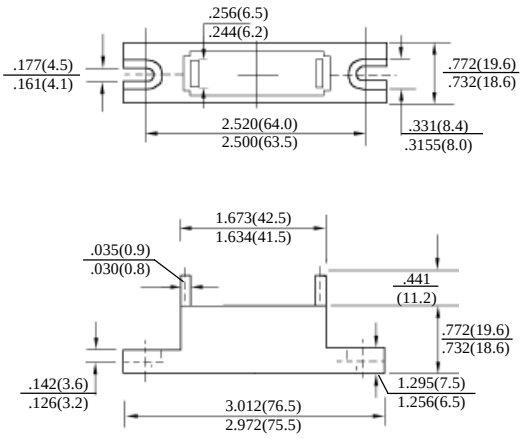
高压二极管
HIGH – VOLTAGE DIODES

最大额定值、电性 MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS
Ratings at 25°C ambient temperature unless otherwise specified. Single phase,half wave, 60Hz,resistive or inductive load. For capacitive load,derate current by 20%.

型 号 TYPE	最大反向峰值电压 Maximum Peak Reverse Voltage	最大平均正向电流 Maximum Average Forward Output Current @T_A= 60°C	最大正向浪涌电流 Maximum Forward Peak Surge Current @ 8.3ms Superimposed	最大正向峰值电压 Maximum DC Forward Voltage drop per element	最大反向电 流 Maximum DC Reverse Current at rated DC Blocking Voltage per element		结 温 Operating Junction Temperature	外型尺寸 Package Dimensions
	PRV	I_O	I_{FM} (Surge)	V_F	I_R		T_J	
	V_{PK}	MA_{AV}	A_{PK}	V_{PK}	25°CTA μADC	125°CTA μADC	°C	
				at I_F =0.35ADC				
HVM5	5000	350	30	8.0	10	500	135	HVM
HVM8	8000			9.0				
HVM10	10000			12				
HVM12	12000			12				
HVM14	14000			14				
HVM15	15000			14				
HVM16	16000			14				
				at I_F =0.75ADC				
HVP5	5000	750	50	8.0	10	500	130	HVP
HVP8	8000			9.0				
HVP10	10000			12				
HVP12	12000			12				
HVP14	14000			14				
HVP15	15000			14				
HVP16	16000			14				



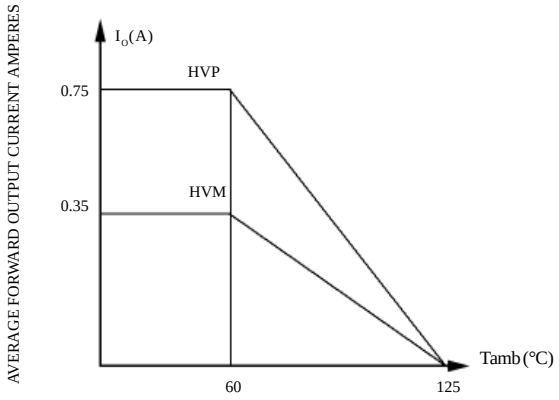
HVM



HVP

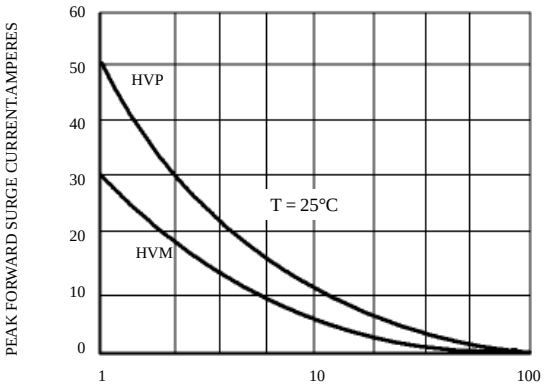
HVM5-HVM16 HVP5-HVP16
高压二极管额定值与特性曲线
RATING & CHARACTERISTIC CURVES OF HIGH-VOLTAGE DIODES

FIG. 1 - CHRRENT DERATING



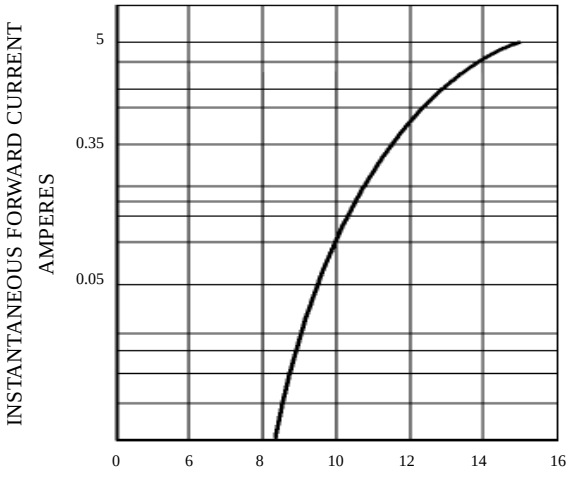
AMBIENT TEMPERATUER.°C

FIG. 2 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT



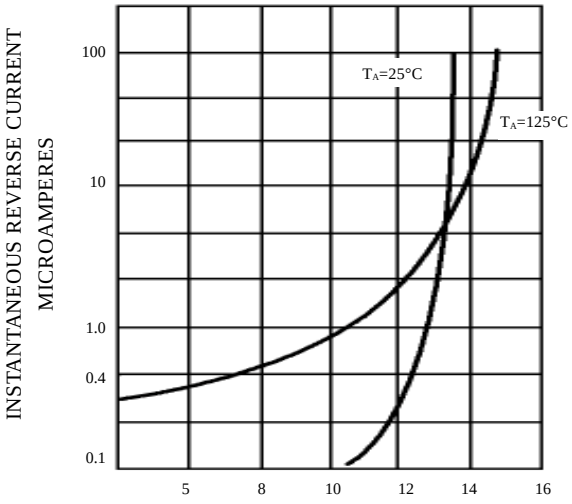
NUMBER OF CYCLES AT 60Hz

FIG. 4 - TYPICAL FORWARD CHARACTERISTICS



INSTANTANEOUS FORWARD VOLTAGE.VOLTS

FIG. 3 - TYPICAL REVERSE CHARACTERISTICS



RATED PEAK REVERSE VOLTAGE(%)