

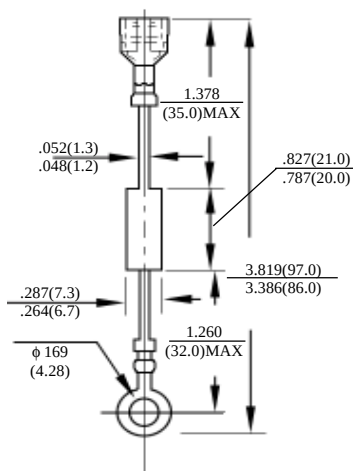
HVM5 – HVM16
HVP5 – HVP16

高压二极管

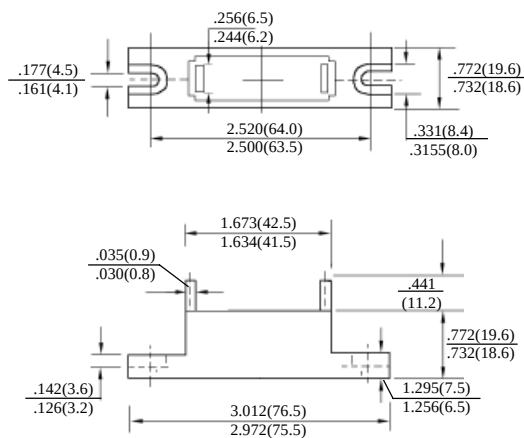
HIGH – VOLTAGE DIODES

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°C TA μADC	125°C TA μADC	°C	
HVM5 HVM8 HVM10 HVM12 HVM14 HVM15 HVM16	5000 8000 10000 12000 14000 15000 16000	350	30	at I _F =0.35ADC 8.0 9.0 12 12 14 14 14	10	500	135	HVM
HVP5 HVP8 HVP10 HVP12 HVP14 HVP15 HVP16	5000 8000 10000 12000 14000 15000 16000	750	50	at I _F =0.75ADC 8.0 9.0 12 12 14 14 14	10	500	130	HVP



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- CURRENT DERATING

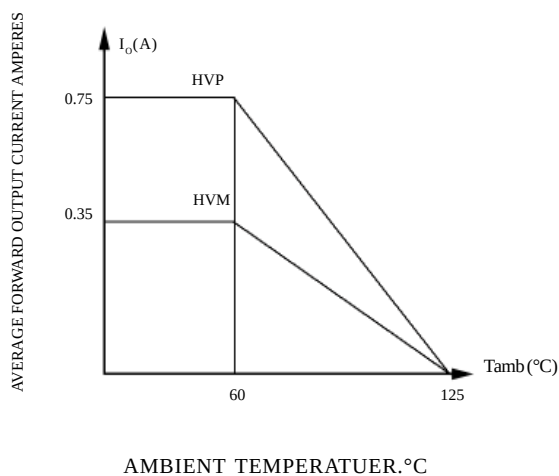


FIG. 2 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

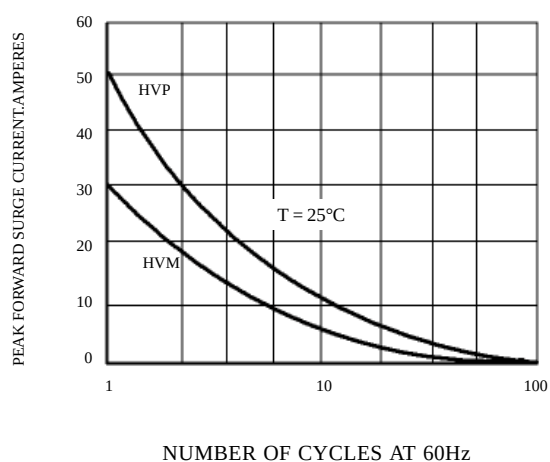


FIG. 4- TYPICAL FORWARD CHARACTERISTICS

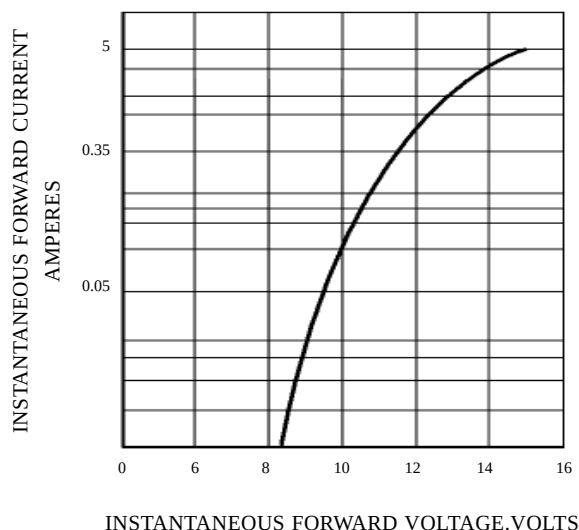


FIG. 3- TYPICAL REVERSE CHARACTERISTICS

