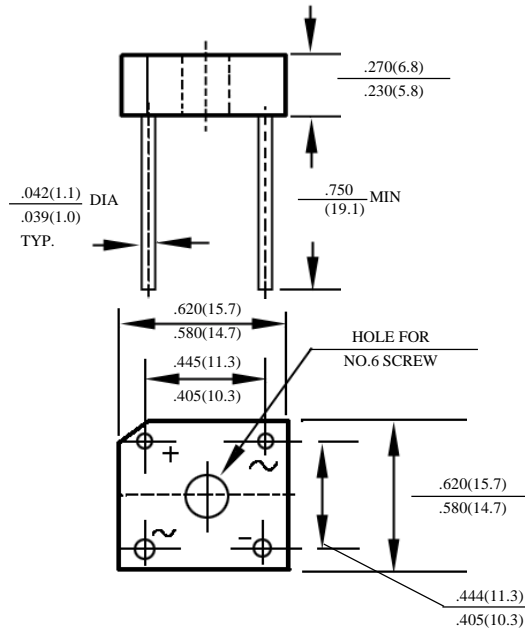


**BR605 – BR610  
KBPC6005 – KBPC0610**

**6.0A 桥式整流器  
6.0A BRIDGE RECTIFIERS**

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 <sub>A</sub> =50°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 at I <sub>F</sub> =3.0ADC	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 <sub>O</sub>	I <sub>FM</sub> (Surge)	V <sub>F</sub>	I <sub>R</sub>		T <sub>J</sub>	BR - 6
		V <sub>PK</sub>	A <sub>AV</sub>	A <sub>PK</sub>	V <sub>PK</sub>	25°C T <sub>A</sub> μADC	125°C T <sub>A</sub> μADC	°C	
BR605	KBPC6005	50	6.0	150	1.1	10	500	125	BR - 6
BR61	KBPC601	100							
BR62	KBPC602	200							
BR64	KBPC604	400							
BR66	KBPC606	600							
BR68	KBPC608	800							
BR610	KBPC0610	1000							



BR - 6

BR605 –BR610 KBPC6005 – KBPC0610

桥式整流器额定值与特性曲线

BRIDGE RECTIFIERS RATING AND CHARACTERISTIC CURVES

FIG. 1 - TYPICAL FORWARD CURRENT DERATING CURVE

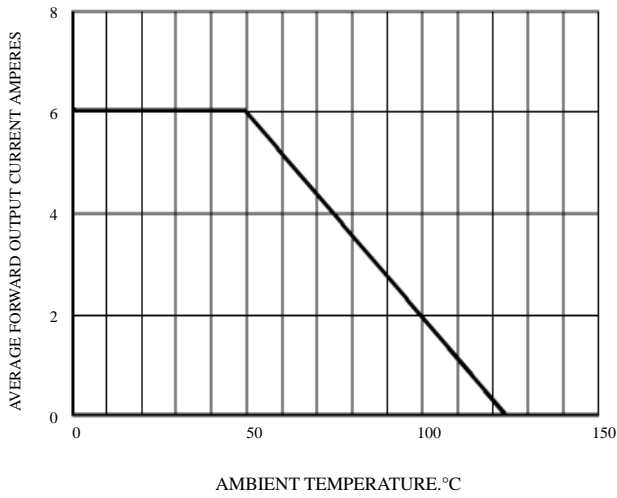


FIG. 2 - MAXIMUM NON-REPETITIVE SURGE CURRENT

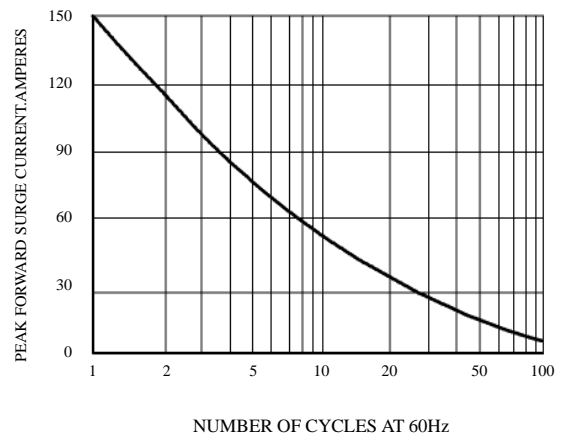


FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

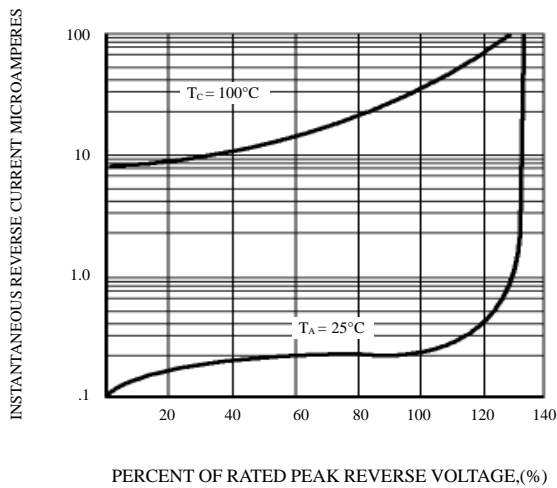


FIG. 4 - TYPICAL INSTANTANEOUS FORWARD PER BRIDGE ELEMENT

