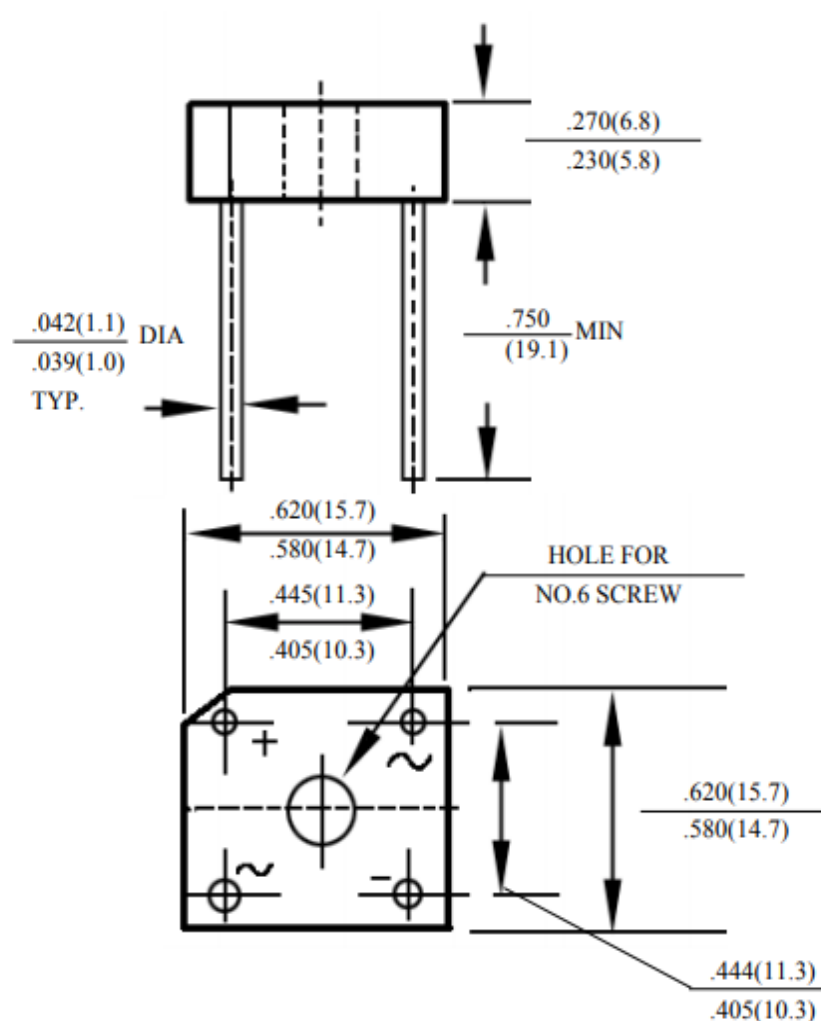


BR605 – BR610
KBPC6005 – KBPC0610

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 @ $T_A=50^\circ\text{C}$	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 $I_F=3.0\text{ADC}$	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	$I_{FM}(\text{Surge})$	V_F	I_R		T_J	BR - 6
		V_{PK}	A_{AV}	A_{PK}	V_{PK}	25°C TA μADC	125°C TA μADC	°C	
BR605	KBPC6005	50							
BR61	KBPC601	100							
BR62	KBPC602	200	6.0	150	1.1	10	500	125	
BR64	KBPC604	400							
BR66	KBPC606	600							
BR68	KBPC608	800							
BR610	KBPC0610	1000							



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

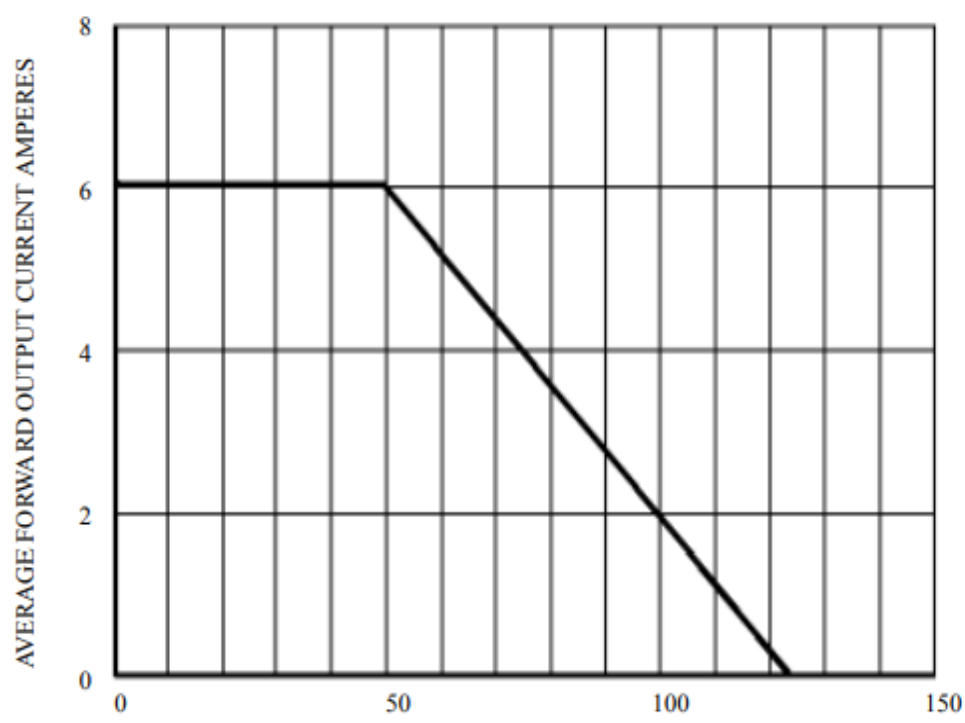


FIG. 2 - MAXIMUM NON-REPETITIVE SURGE CURRENT

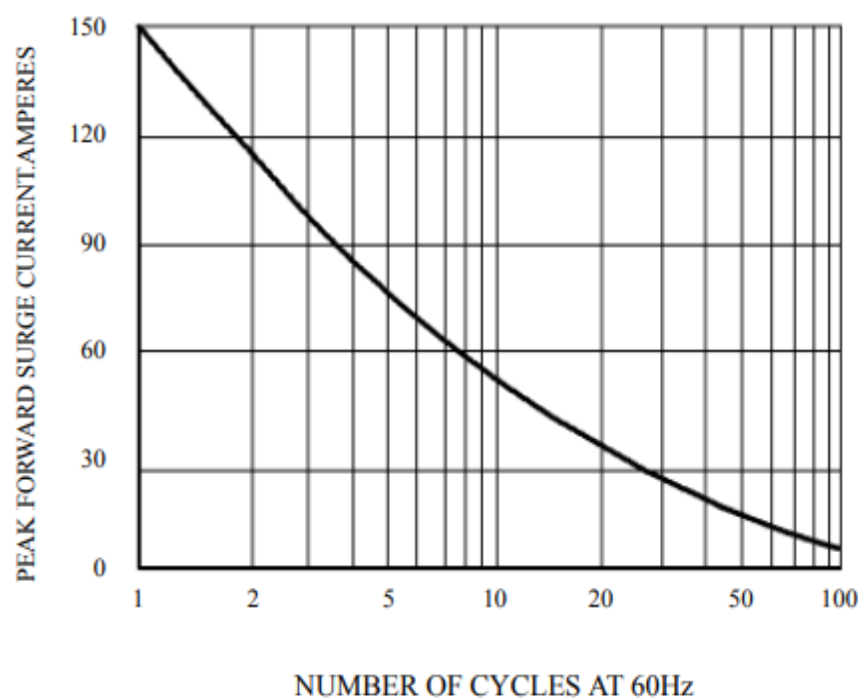


FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

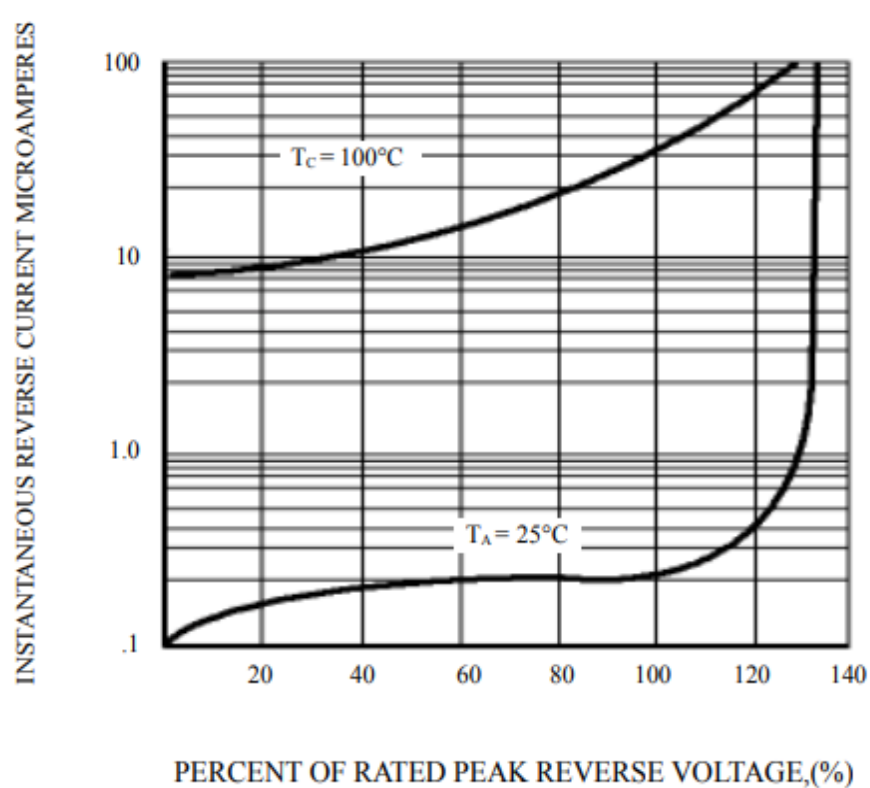


FIG. 4 - TYPICAL INSTANTANEOUS FORWARD PER BRIDGE ELEMENT

