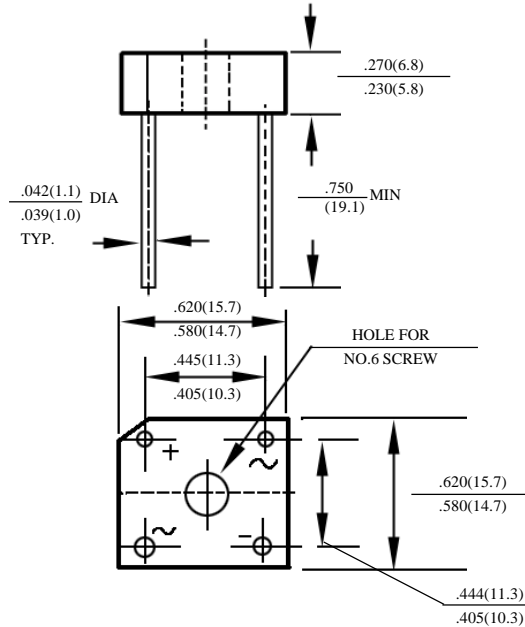


**BR605 – BR610
KBPC6005 – KBPC0610**

**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°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 =3.0ADC | 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 _O | I _{FM} (Surge) | V _F | I _R | | T _J | |
| | | V _{PK} | A _{AV} | A _{PK} | V _{PK} | 25°CCTA μADC | 125°CCTA 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

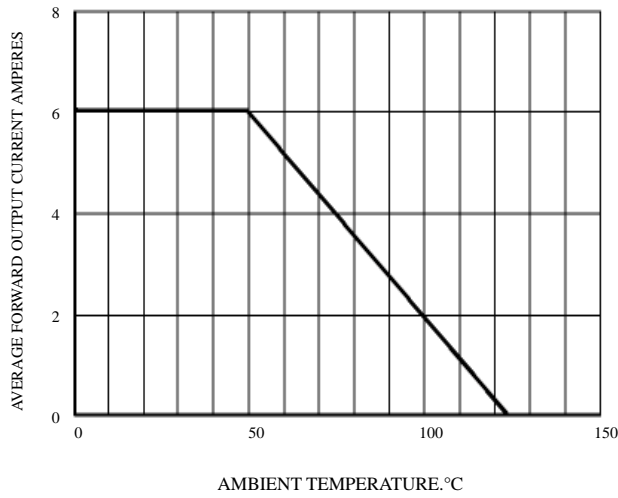


FIG. 2 - MAXIMUM NON-REPETITIVE SURGE CURRENT

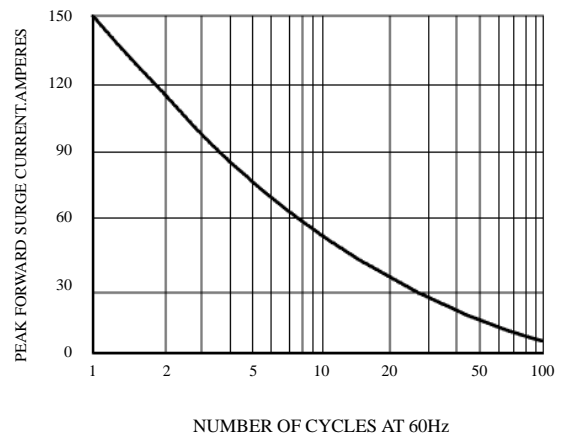


FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

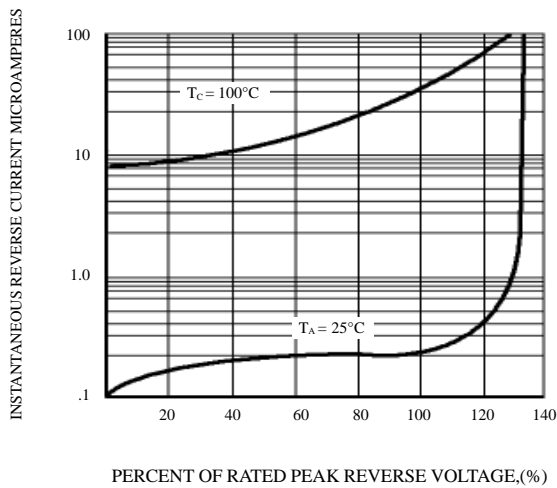


FIG. 4 - TYPICAL INSTANTANEOUS FORWARD PER BRIDGE ELEMENT

