



- * High Surge Current Capability
- * Ideal for printed circuit board
- * Reliable low cost construction technique results in inexpensive product



Rating at 25°C ambient temperature unless otherwise specified.
Single phase, half wave, 60 Hz, resistive or inductive load.
For capacitive load, derate current by 20%

NOTE:
 (1) Recommended mounted position is to bolt down on heatsink with silicone thermal compound for maximum heat transfer with # 6 screws
 (2) Units mounted in free air, no heatsink, P.C.B. 0.375" (9.5mm) lead length with 0.5x0.5" (12x12mm) copper pads
 (3) Units mounted on a 3.0x3.0x0.11" (7.5x7.5x0.3cm) Al. Plate heatsink

RATINGS AND CHARACTERISTIC CURVES (KBU800 THRU KBU810)

FIG.1 – MAXIMUM NON – REPETITIVE FORWARD SURGE CURRENT – PER ELEMENT

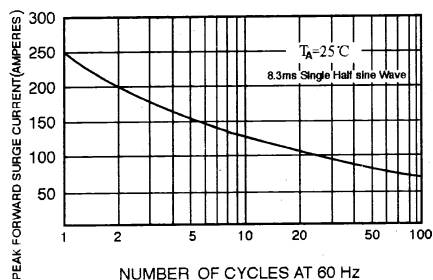


FIG.2 – TYPICAL FORWARD OUTPUT CURRENT DERATING CURVE

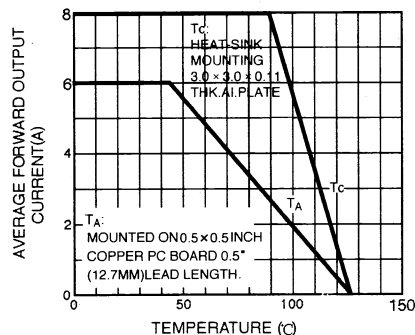


FIG.3 – TYPICAL INSTANTANEOUS FORWARD PER BRIDGE ELEMENT

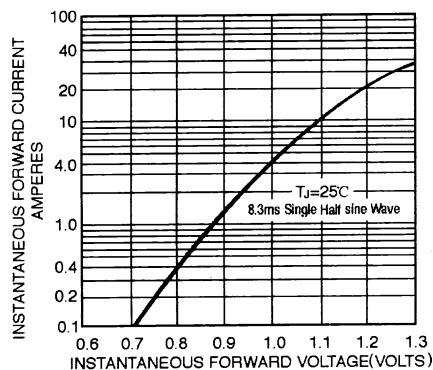


FIG.4 – TYPICAL REVERSE CHARACTERISTICS – PER ELEMENT

