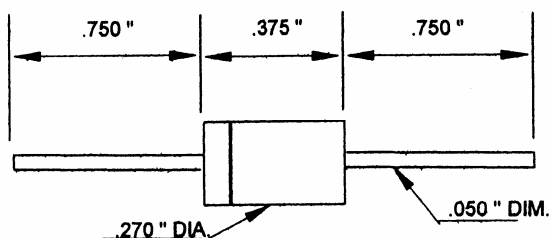


SUB-MINIATURE SILICON HIGH VOLTAGE RECTIFIER

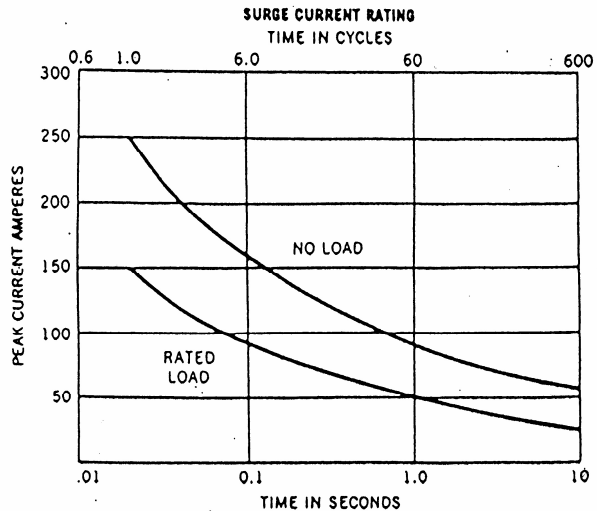
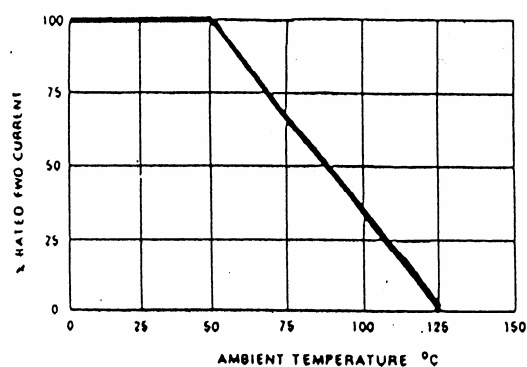


PART NUMBER	PIV VOLTS	I_O AMPS 50° C	V_f @ I_O @ 25° C	I_r @ PIV @ 25° C	MAX SINGLE CYCLE SURGE CURRENT	T_{rr}
BT697-20	2000	1.5	4.5	10 μ A	250 AMPS	100 nSec
BT697-25	2500	1.5	6.0	10 μ A	250 AMPS	100 nSec
BT697-30	3000	1.5	6.0	10 μ A	250 AMPS	100 nSec

Maximum Ambient Operating Temperature -55° C to $+125^{\circ}$ C

Recovery Time: .5 Amp Forward to 1 Amp Reverse Recover to .25 Amp

OUTPUT CURRENT vs AMBIENT TEMPERATURE



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