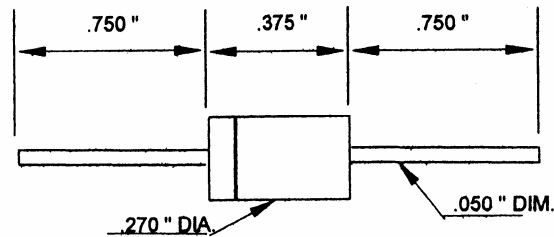


## SUB-MINIATURE SILICON HIGH VOLTAGE RECTIFIER

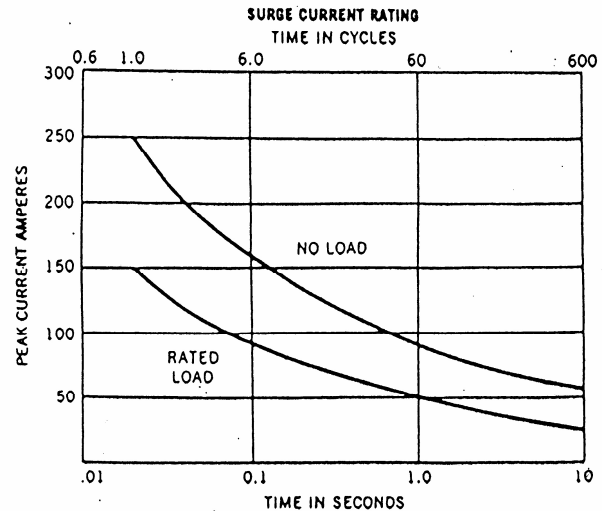
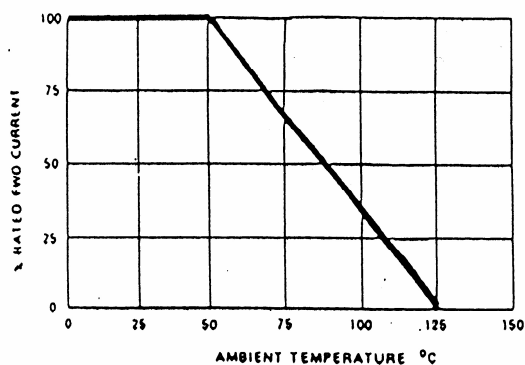


PART NUMBER	PIV VOLTS	$I_O$ AMPS 50° C	$V_f$ @ $I_O$ @ 25° C	$I_r$ @ PIV @ 25° C	MAX SINGLE CYCLE SURGE CURRENT	$T_{rr}$
BT697-20	2000	1.5	4.5	10 $\mu$ A	250 AMPS	100 nSec
BT697-25	2500	1.5	6.0	10 $\mu$ A	250 AMPS	100 nSec
BT697-30	3000	1.5	6.0	10 $\mu$ A	250 AMPS	100 nSec

Maximum Ambient Operating Temperature  $-55^{\circ}$  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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