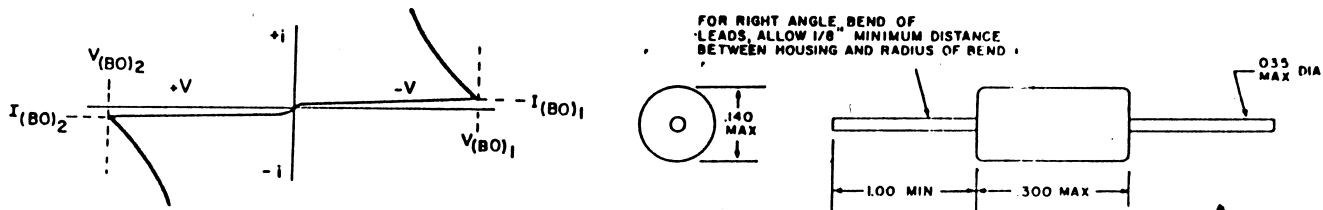


1N5762A-1

Silicon Bidirectional Trigger

VOLT - AMPERE CHARACTERISTICS

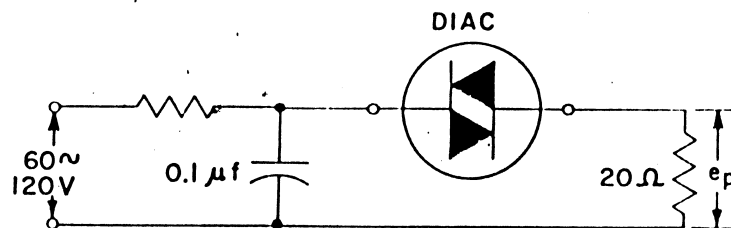


Storage Temperature..... T_{STG} -40°C to $+150^{\circ}\text{C}$
 Operating Temperature..... T_J -40°C to $+100^{\circ}\text{C}$

MAXIMUM RATINGS at 50°C Ambient

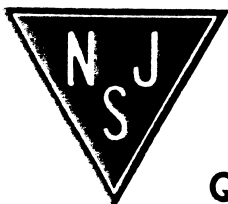
Peak Current (10 μsec duration, 120 cycle repetition rate)..... I_p ± 2 Amperes Max.
 Peak Output Voltage*..... e_p ± 3 Volts Min.

*CIRCUIT FOR PEAK OUTPUT VOLTAGE TEST



CHARACTERISTICS at 25°C Ambient

Test	Symbols	Min.	Typ.	Max.	Units
Breakover Voltage	$V_{(BR)1}$ and $V_{(BR)2}$	28	32	36	Volts
Breakover Voltage Temp. Coefficient		-	0.1	-	%/ $^{\circ}\text{C}$
Breakover Currents	$I_{(BR)1}$ and $I_{(BR)2}$	-	-	200	μamp
Breakover Voltage Symmetry	$ V_{(BR)1} - V_{(BR)2} $	-	-	3.8	Volts



Quality Semi-Conductors