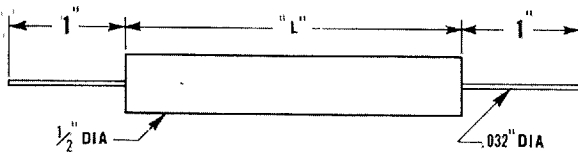
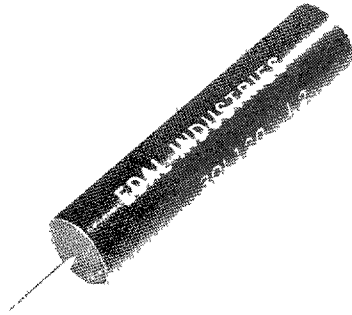


EDAL



SILICON HIGH VOLTAGE CARTRIDGE



"L" is equal to $\frac{1}{8}$ inch per KV plus $\frac{3}{4}$ " for half wave circuit.

ELECTRICAL RATINGS

FOR HALF WAVE CIRCUIT

Maximum Allowable DC Output Current:
 at 25°C ambient temperature, 1 amp
 at 100°C ambient temperature, 750 mA
 at 150°C ambient temperature, 250 mA

Maximum Allowable One Cycle Surge Current:
 (60 cps single phase non-recurrent,
 at rated PRV and no load) 60 amps

Maximum Full Load Forward Voltage Drop Per KV:
 (150°C full cycle average) 5 volt

Maximum Reverse Current
 (150°C full cycle average) .5 mA

Storage Temperature -65°C to 150°C

Ambient Operating Temperature -65°C to 150°C

□ Series L high voltage silicon rectifiers are designed for applications requiring minimum size combined with maximum power. The half-wave configuration consists of matched, pre-tested, pre-selected double diffused avalanche rectifiers offering self-protection against voltage transients. Faster assembly by eliminating the need of soldering many diodes to achieve equivalent circuitry is a decided economy made possible by axial leads that facilitate point-to-point circuit soldering. These compact packages, offering long life and a high degree of reliability, meet rigid environmental conditions. Half-wave circuits in voltage ratings from 1500 to 30,000 volts PIV. Currents range from 20 mA to 1 amp. Special types available on request.

SERIES L SPECIFICATIONS

CURRENT (TENS OF mA)	SERIES DESIGNATION	PIV (HUNDREDS OF VOLTS)
20 mA to 1 amp	L	1500 to 30,000 volts

25

L

15

First number represents current in tens of milliamps, second is series designation, third PIV in hundreds of volts. 25 L 15, for example, signifies 250 mA, Series L, 1500 volts PIV.

EDAL INDUSTRIES, INC.

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