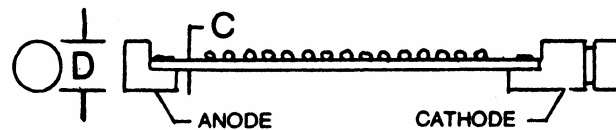
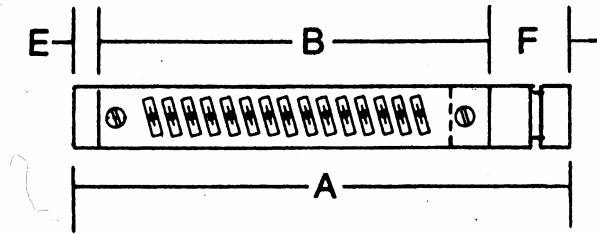


## SILICON HIGH VOLTAGE ASSEMBLY BOARD

DIM	INCHES	MILLIMETERS
	B1168	B1168
A	6.93	170
B	5.94	145
C	.0625	3.18
D	.787	20
E	.197	5
F	.791	20



## ELECTRICAL RATINGS

		B1168	UNITS
PEAK INVERSE VOLTAGE – Operating (Note 1)	$V_r$ (oper)	120	kV
PEAK INVERSE VOLTAGE – Test	$V_r$ (test)	135	kV
PEAK SURGE CURRENT, ½ CYCLE @ 60 Hz	$I_{fsm}$	20	Amps
DC FORWARD CURRENT @ 55° C (Note 1)	$I_o$	220	Ma
JUNCTION OPERATING and STORAGE TEMPERATURE	$T_j, T_{stg}$	- 55 to + 125	°C

Note 1: Tested in oil @ 55° C

## ELECTRICAL CHARACTERISTICS

CHARACTERISTICS		B1168	UNITS
MAXIMUM INSTANTANEOUS VOLTAGE DROP @ $I_f = 50$ mA	$V_{fm}$	204	Volts
MAXIMUM REVERSE CURRENT @ $V_r$ (Oper)	$I_{rm}$	1	uA
MAXIMUM REVERSE CURRENT @ $V_r$ (test)	$I_{rm}$	1	uA

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