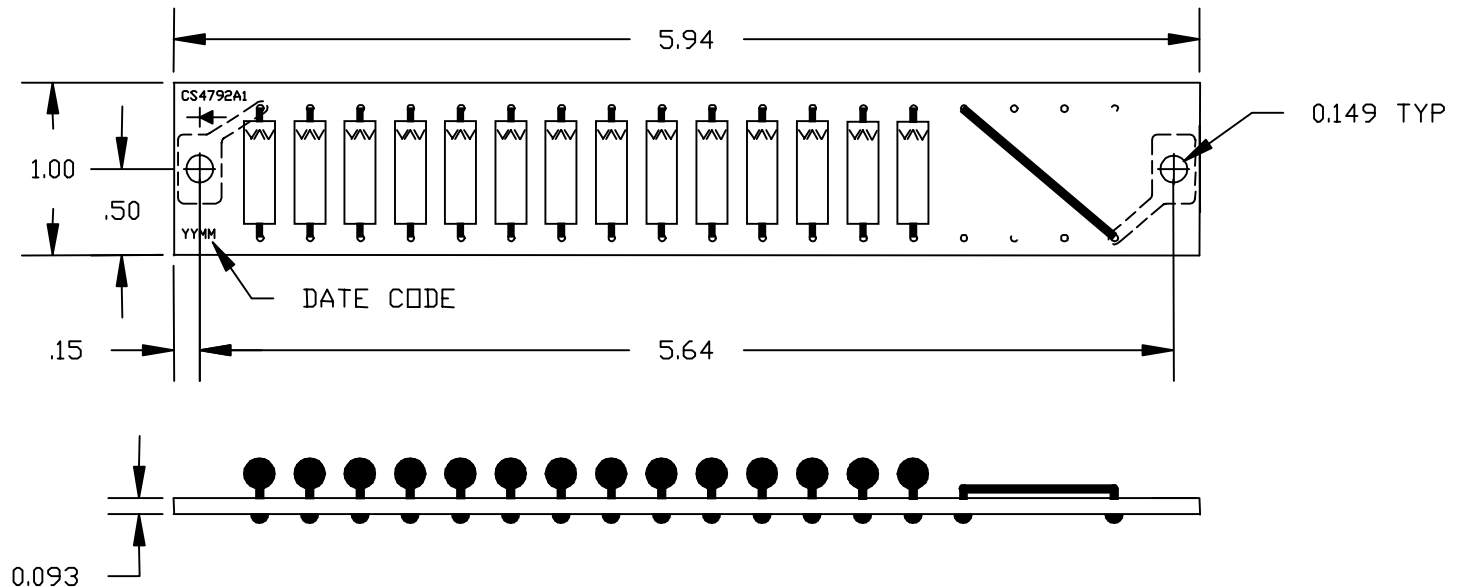


CS4792A1

150 KV RECTIFIER

Maximum Ratings at $T_{oil} = 25^{\circ}\text{C}$ Unless Otherwise Noted	Symbol	CS4792A1	Units
Number of Diodes per Board		14	
Peak Reverse Voltage - Operating	V_R (Oper)	150	KV
Peak Reverse Voltage - Test	V_R (Test)	188	KV
Maximum Reverse Current @ V_R (Oper), 25°C	I_{rm}	1	μA
DC Forward Current @ $T_{oil} = 60^{\circ}\text{C}$	I_o	300	mA
Maximum Forward Voltage @ $I_F = 50 \text{ mA}$	V_{fm}	168	Volts
Peak Surge Current, 1/2 cycle @ 60 Hz	I_{fsm}	20	Amps
Peak Surge Current, 10 cycles @ 60 Hz	I_{fsm}	6	Amps
Avalanche Energy, 100 μSec Pulse	E_{rsm}	4.2	Joules
Operating Temperature Range	T_{oil}	-40 to +90	$^{\circ}\text{C}$
Storage Temperature Range	T_{stg}	-40 to +120	$^{\circ}\text{C}$



Dimensions in Inches ± 0.050

Rev 2, 7/98



HIGH VOLTAGE
POWER SYSTEMS, INC.

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