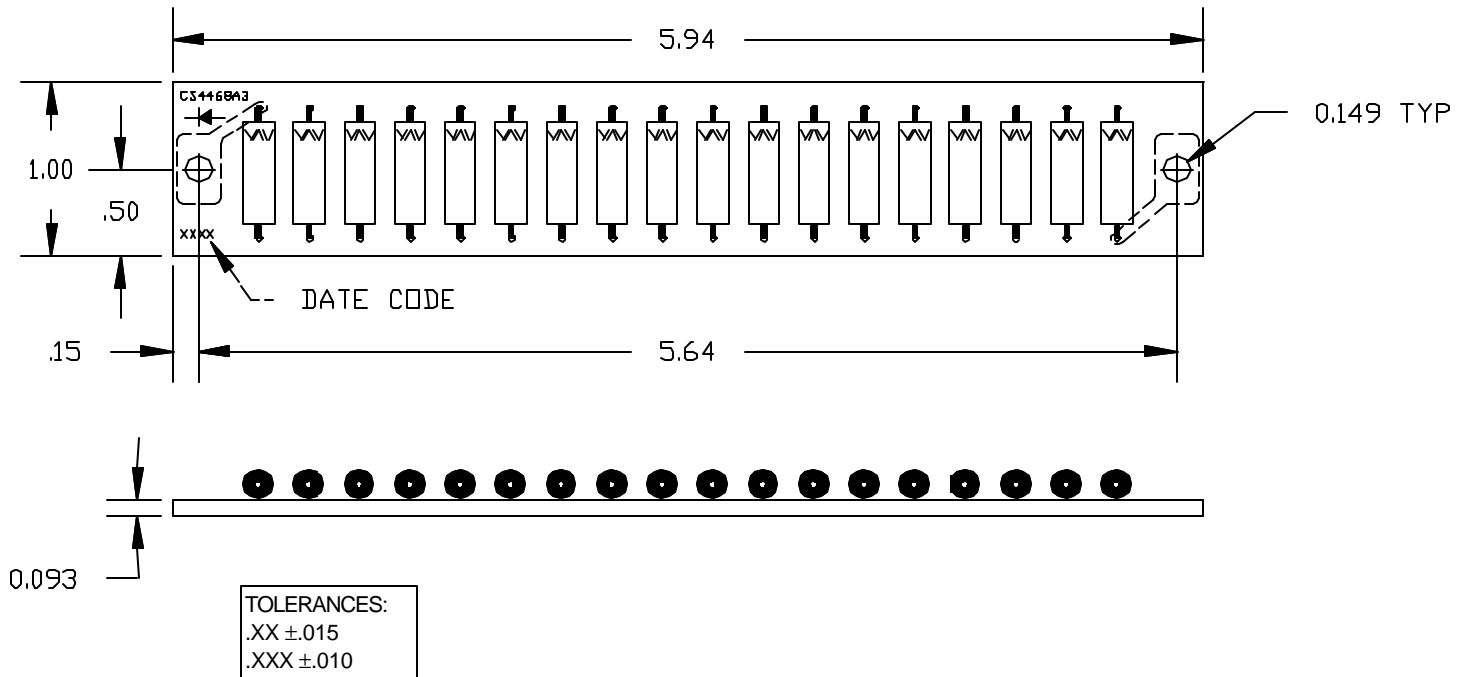


CS4468A3 180 KV RECTIFIER

Electrical Characteristics at 25°C in oil unless otherwise specified

Characteristic	Symbol	Value	Units
Peak Reverse Voltage (operating)	V_{RRM}	180	kV
Peak Reverse Voltage (test)	V_{RRM}	225	kV
Avg. Forward Current @ 60 Hz, $T_{oil} = 30^{\circ}C$	I_o	400	mA
Avg. Forward Current @ 60 Hz, $T_{oil} = 60^{\circ}C$	I_o	325	mA
Avg. Forward Current @ 60 Hz, $T_{oil} = 90^{\circ}C$	I_o	250	mA
Maximum Reverse Current @ 10 kV	I_R	1	μA
Peak Surge Current, 1/2 Cycle @ 60 Hz	I_{FSM}	20	A
Peak Surge Current, 10 Cycles @ 60 Hz	I_{FRM}	6	A
Maximum Forward Voltage Drop @ $I_F = 50$ mA	V_F	216	V
Operating Temperature	T_{oper}	-40 to 90	$^{\circ}C$
Storage Temperature	T_{stg}	-40 to 120	$^{\circ}C$



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