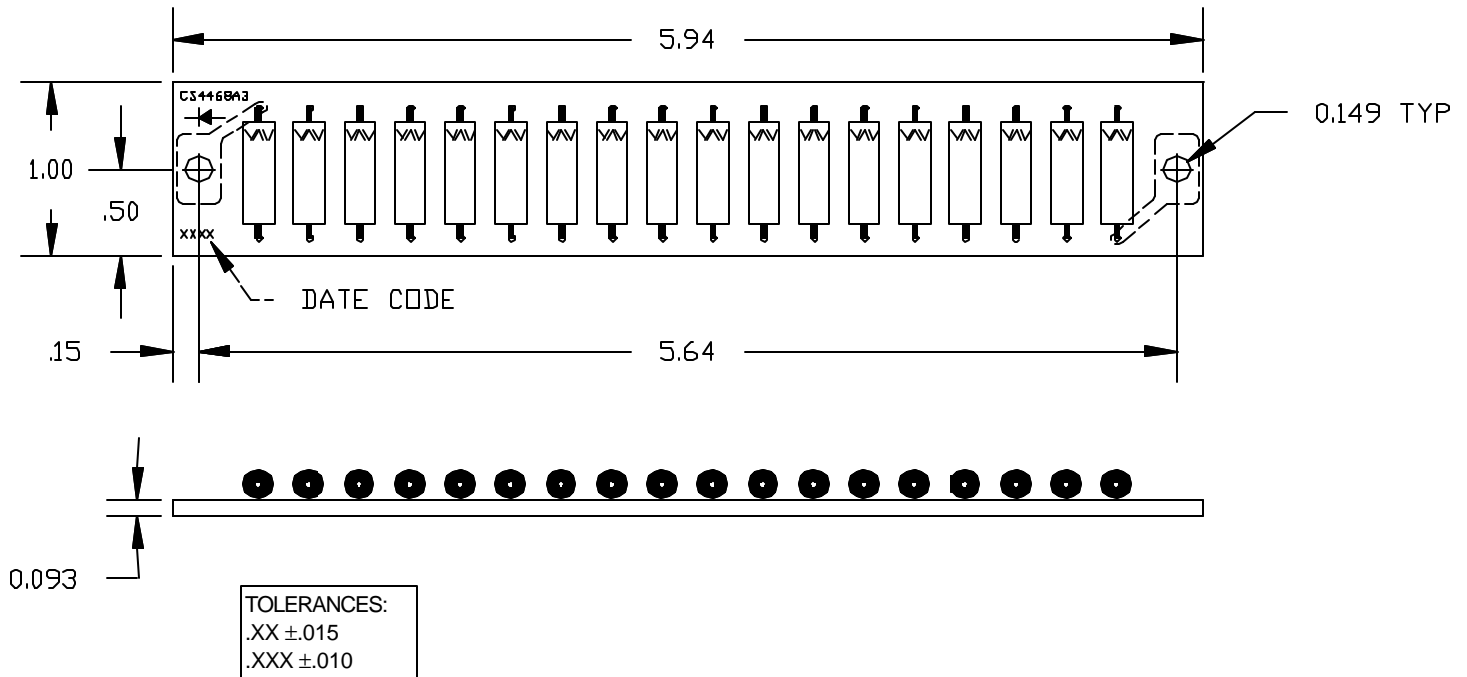


# CS4468A3 180 KV RECTIFIER

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	$\mu A$
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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