



CUSTOMER:

CUSTOMER PN:

GPN: E36L451CHS562QEE3N

DRAWING NO.: 913116

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C): 5600 μ F
 CAPACITANCE TOLERANCE: -10/+30 %
 RATED Vdc 450 V
 SURGE Vdc (30 sec): 500 V
 MAX. ESR (120Hz/25°C): 32 m Ω
 TYP. ESR (120Hz/25°C): 23 m Ω
 MAX. Irms (120Hz/85°C): 21.4 A
 MAX. DCL (Vdc/5:00/25°C): 5.000 mA

MECHANICAL CRITERIA

MAX. VIBRATION: 10-55Hz 10 g
 TERMINAL THREAD 1/4-28
 THREAD DEPTH 11.9 mm
 MAX. TERMINAL TORQUE: 6.2 Nm
 TYP. WEIGHT: 1004 grams

OPERATING CRITERIA

MAX. TEMPERATURE: +85 °C
 MIN. TEMPERATURE: -40 °C
 LOAD LIFE (Vdc+Irms/85°C): 10000 Hrs
 MAX. Δ CAP. (measured value): \pm 20 %
 MAX. ESR (specified value): \leq 200 %
 MAX. DCL (Vdc/5:00/25°C): 5.000 mA
 SHELF LIFE (85°C): 500 Hrs
 MAX. Δ CAP. (measured value): \pm 20 %
 MAX. ESR (specified value): \leq 200 %
 MAX. DCL (Vdc/5:00/25°C): 5.000 mA

IRMS FREQUENCY MULTIPLIERS

50Hz	120Hz	300Hz	1kHz	3kHz
0.80	1.00	1.10	1.30	1.40

IRMS AMBIENT MULTIPLIERS

55°C	65°C	75°C	85°C
2.39	2.22	1.67	1.00

COMMENTS

DOUBLE INSULATION

EXPECTED LIFE

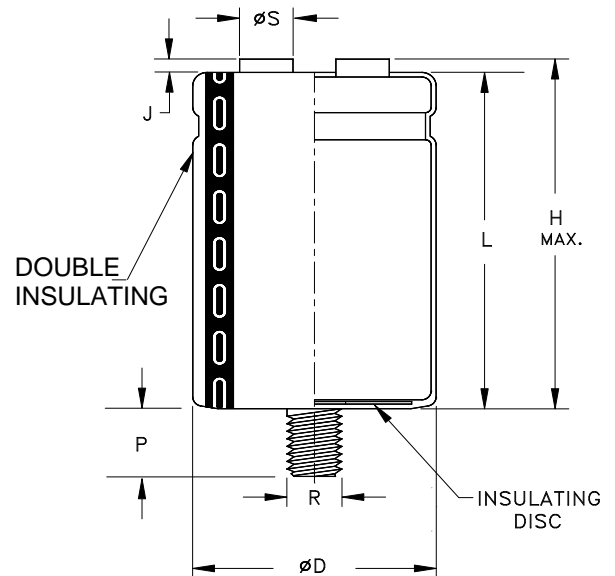
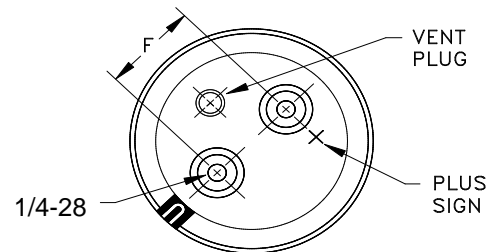
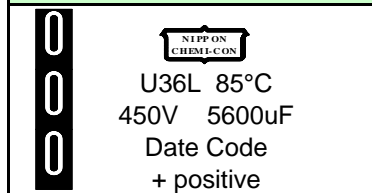
Lx(7A @ 720Hz+45A @ 2kHz/60°C/<360V):	40,000 Hrs
MAX. Δ CAP. (measured value):	\pm 20 %
MAX. ESR (specified value):	\leq 200 %
MAX. DCL (Vdc/5:00/25°C):	5.000 mA

Max core temp. would be 110C based upon <425V

DIMENSIONAL CRITERIA

	X	mm	in
\varnothing D	76.2	- 0.00	+ 1.00
L	143.0	- 0.00	+ 2.00
H	150.2	- 2.00	+ 2.00
F	31.8	- 0.50	+ 0.50
J	6.4	- 1.00	+ 1.00
\varnothing S	17.5	- 0.25	+ 0.25
P	16.0	- 0.04	+ 0.04
R	M12	- 0.01	+ 0.01

MARKING



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