



**CUSTOMER:**

**CUSTOMER PN:**

**GPN:** E36L451CHS562QEE3N

**DRAWING NO.:** 913116

**ELECTRICAL CRITERIA**

CAPACITANCE (120Hz/25°C): 5600  $\mu$ F  
 CAPACITANCE TOLERANCE: -10/+30 %  
 RATED Vdc 450 V  
 SURGE Vdc (30 sec): 500 V  
 MAX. ESR (120Hz/25°C): 32 m $\Omega$   
 TYP. ESR (120Hz/25°C): 23 m $\Omega$   
 MAX. I<sub>rms</sub> (120Hz/85°C): 21.4 A  
 MAX. DCL (V<sub>dc</sub>/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 (V<sub>dc</sub>+I<sub>rms</sub>/85°C): 10000 Hrs  
 MAX.  $\Delta$  CAP. (measured value):  $\pm$  20 %  
 MAX. ESR (specified value):  $\leq$  200 %  
 MAX. DCL (V<sub>dc</sub>/5:00/25°C): 5.000 mA  
 SHELF LIFE (85°C): 500 Hrs  
 MAX.  $\Delta$  CAP. (measured value):  $\pm$  20 %  
 MAX. ESR (specified value):  $\leq$  200 %  
 MAX. DCL (V<sub>dc</sub>/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**

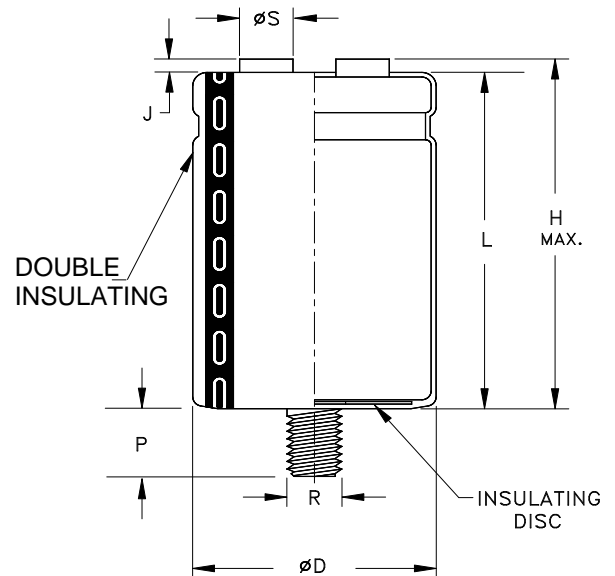
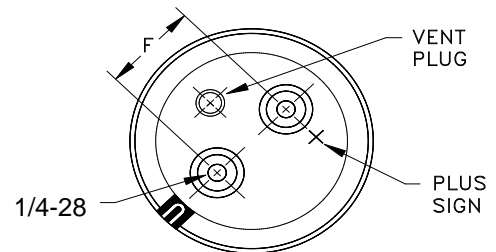
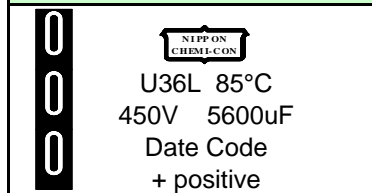
Lx(7A @ 720Hz+45A @ 2kHz/60°C/<360V):	40,000 Hrs
MAX. $\Delta$ CAP. (measured value):	$\pm$ 20 %
MAX. ESR (specified value):	$\leq$ 200 %
MAX. DCL (V <sub>dc</sub> /5:00/25°C):	5.000 mA

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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