

CUSTOMER:
CUSTOMER PN:
GPN: E36D451LPN931TDA5N

DRAWING NO.: 824505

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C): 930 μ F
 CAPACITANCE TOLERANCE: -10 + 50 %
 RATED V_{DC}: 450 V
 SURGE V_{DC} (30 sec): 500 V
 MAX. ESR (120Hz/25°C): 190 m Ω
 MAX. I_{RMS} (120Hz/85°C): 3.5 A
 MAX. DCL (V_{DC}/5:00/25°C): 2.588 mA

MECHANICAL CRITERIA

MAX. VIBRATION: 10-55Hz 10 g
 TERMINAL THREAD: 10-32
 THREAD DEPTH: 5.6 mm
 MAX. TERMINAL TORQUE: 2 Nm

OPERATING CRITERIA

MAX. TEMPERATURE: +85 °C
 MIN. TEMPERATURE: -40 °C
 LOAD LIFE (V_{DC}/85°C): 1000 Hrs
 MAX. Δ CAP. (measured value): ± 15 %
 MAX. ESR (specified value): ≤ 150 %
 MAX. DCL (V_{DC}/5:00/25°C): 2.588 mA
 SHELF LIFE (85°C): 500 Hrs
 MAX. Δ CAP. (measured value): ± 15 %
 MAX. ESR (specified value): ≤ 130 %
 MAX. DCL (V_{DC}/5:00/25°C): 5.176 mA

I_{RMS} FREQUENCY MULTIPLIERS

VDC	60Hz	120Hz	400Hz	>1kHz
150-300	0.80	1.00	1.15	1.25
>300	0.80	1.00	1.20	1.30

I_{RMS} AMBIENT MULTIPLIERS

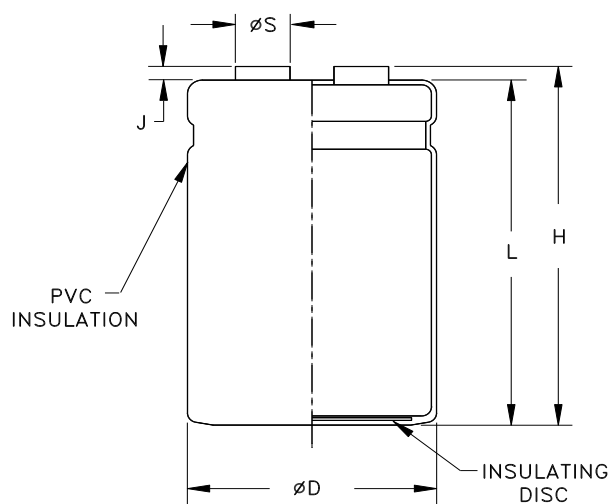
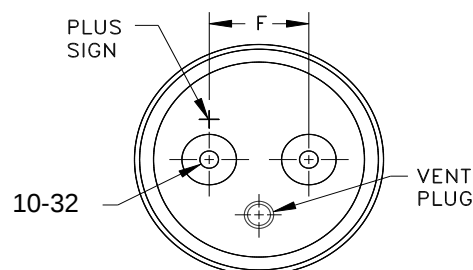
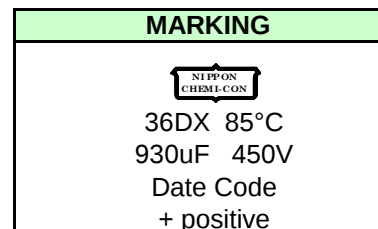
55°C	65°C	75°C	85°C
2.0	1.7	1.4	1.00

SPECIAL

ISSUE: 3 DATE: 4/16/10

DIMENSIONAL CRITERIA

	mm	X	in
ϕ D	2.500	- 0.040	+ 0.040
L	4.125	- 0.080	+ 0.080
H	4.188	- 0.160	+ 0.000
F	1.125	- 0.016	+ 0.016
J	0.063	- 0.040	+ 0.040
ϕ S	0.313	- 0.010	+ 0.010

MARKING


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