


CUSTOMER:
CUSTOMER PN:
GPN: E36D101HPN172UA79N

DRAWING NO.: 494173

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C): 1700 μ F
 CAPACITANCE TOLERANCE: -10 + 75 %
 RATED V_{DC}: 100 V
 SURGE V_{DC} (30 sec): 125 V
 MAX. ESR (120Hz/25°C): 76 m Ω
 MAX. I_{RMS} (120Hz/85°C): 3.5 A
 MAX. DCL (V_{DC}/5:00/25°C): 1.649 mA

MECHANICAL CRITERIA

MAX. VIBRATION: 10-55Hz 10g
 TERMINAL THREAD: 10-32
 THREAD DEPTH: 9.5 mm
 MAX. TERMINAL TORQUE: 2.8 Nm

OPERATING CRITERIA

MAX. TEMPERATURE: +85 °C
 MIN. TEMPERATURE: -40 °C
 LOAD LIFE (V_{DC}/85°C): 1000 Hrs
 MAX. Δ CAP. (measured value): $\pm$ 15 %
 MAX. ESR (specified value): $\leq$ 150 %
 MAX. DCL (V_{DC}/5:00/25°C): 1.649 mA
 SHELF LIFE (85°C): 500 Hrs
 MAX. Δ CAP. (measured value): $\pm$ 15 %
 MAX. ESR (specified value): $\leq$ 130 %
 MAX. DCL (V_{DC}/5:00/25°C): 3.298 mA

IRMS FREQUENCY MULTIPLIERS

VDC	120Hz	400Hz	>1kHz
0-50	1.00	1.05	1.10
51-100	1.00	1.10	1.15

IRMS AMBIENT MULTIPLIERS

55°C	65°C	75°C	85°C
2.0	1.7	1.4	1.00

SPECIAL

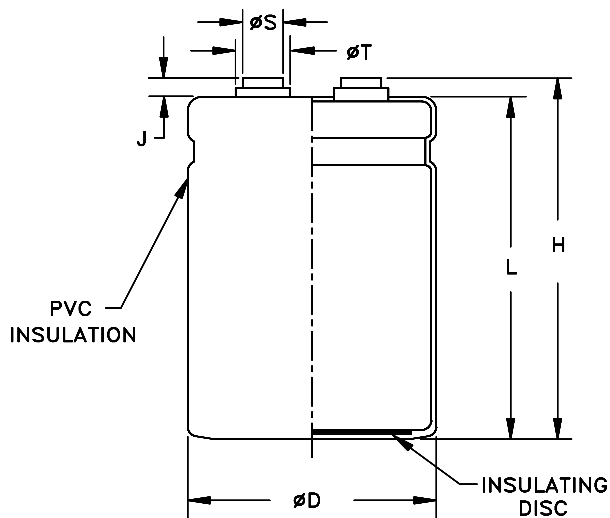
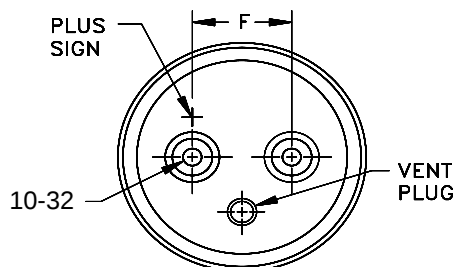
ISSUE: 2 DATE: 1/17/11

DIMENSIONAL CRITERIA

	mm	X	in
ϕ D	1.375	- 0.000	+ 0.040
L	3.125	- 0.000	+ 0.080
H	3.415	- 0.080	+ 0.080
F	0.500	- 0.016	+ 0.016
J	0.250	- 0.040	+ 0.040
ϕ S	0.313	- 0.010	+ 0.010
ϕ T	0.438	- 0.010	+ 0.010

MARKING


36DX172G100AB2B
 1700 μ F 100V
 10 + 75% CAP. TOL.
 Date Code 85°C
 + positive



TDS NO.: TDS-12-0168
 AUTHOR: TMASH
 DATE: 10-APRIL-2012

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