


CUSTOMER:
CUSTOMER PN:
GPN: E36D101LPN562TC67M

DRAWING NO.: 499719

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C): 5600 μ F
 CAPACITANCE TOLERANCE: -10 +50 %
 RATED V_{DC}: 100 V
 SURGE V_{DC} (30 sec): 125 V
 MAX. ESR (120Hz/25°C): 30 m Ω
 MAX. I_{RMS} (120Hz/85°C): 8.3 A
 MAX. DCL (V_{DC}/5:00/25°C): 2.993 mA

MECHANICAL CRITERIA

MAX. VIBRATION: 10-55Hz 10 g
 TERMINAL THREAD: 10-32
 THREAD DEPTH: 5.6 mm
 MAX. TERMINAL TORQUE: 2 Nm
 TYP. WEIGHT: 176 grams

OPERATING CRITERIA

MAX. TEMPERATURE: +95 °C
 MIN. TEMPERATURE: -40 °C
 LOAD LIFE (V_{DC}/85°C): 2000 Hrs
 MAX. Δ CAP. (measured value): $\pm$ 15 %
 MAX. ESR (specified value): $\leq$ 150 %
 MAX. DCL (V_{DC}/5:00/25°C): 2.993 mA
 SHELF LIFE (85°C): 500 Hrs
 MAX. Δ CAP. (measured value): $\pm$ 15 %
 MAX. ESR (specified value): $\leq$ 120 %
 MAX. DCL (V_{DC}/5:00/25°C): 5.986 mA

IRMS FREQUENCY MULTIPLIERS

VDC	120Hz	400Hz	$\geq$ 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

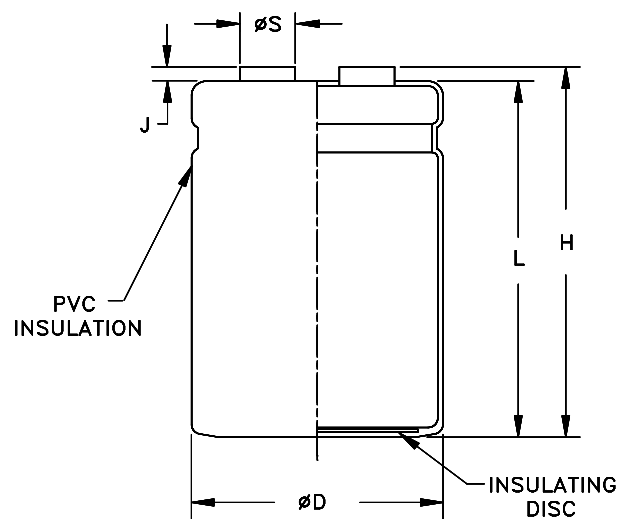
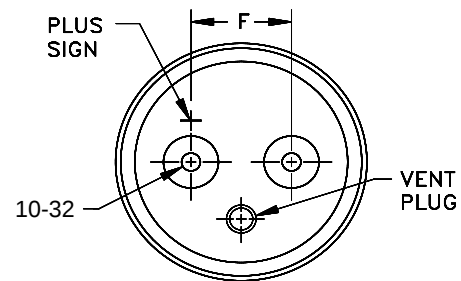
RoHS Compliant

DIMENSIONAL CRITERIA

	mm	X	in
ϕ D	2.000	- 0.000	+ 0.040
L	2.625	- 0.000	+ 0.080
H	2.728	- 0.080	+ 0.080
F	0.875	- 0.016	+ 0.016
J	0.063	- 0.040	+ 0.040
ϕ S	0.313	- 0.010	+ 0.010

MARKING

NIPPON
 CHEMI-CON
 36DA 95°C
 5600uF 100V
 Date Code
 + positive



TDS: TDS-11-0406
 AUTHOR: TMASH
 DATE: 13-OCT-11

Mouser Electronics

Authorized Distributor

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