


CUSTOMER:
CUSTOMER PN:
GPN: E74D6R3LPN313MA48N

DRAWING NO.: 693982

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C): 31000 μ F
 CAPACITANCE TOLERANCE: \pm 20 %
 RATED V_{DC}: 6.3 V
 SURGE V_{DC} (30 sec): 8 V
 MAX. ESR (120Hz/25°C): 13 m Ω
 MAX. ESR (20-40kHz/25°C): 9 m Ω
 MAX. I_{RMS} (120Hz/85°C): 10.1 A
 MAX. I_{RMS} (20-40kHz/85°C): 11.1 A
 MAX. DCL (V_{DC}/5:00/25°C): 1.768 mA

MECHANICAL CRITERIA

MAX. VIBRATION: 10-55Hz 10g
 TERMINAL THREAD: 10-32
 THREAD DEPTH: 5.6 mm
 MAX. TERMINAL TORQUE: 2 Nm
 TYP. WEIGHT: 54 grams

OPERATING CRITERIA

MAX. TEMPERATURE: +105 °C
 MIN. TEMPERATURE: -55 °C
 LOAD LIFE (V_{DC}/105°C): 2000 Hrs
 MAX. Δ CAP. (measured value): \pm 20 %
 MAX. ESR (specified value): \leq 150 %
 MAX. DCL (V_{DC}/5:00/25°C): 1.768 mA
 SHELF LIFE (85°C): 1000 Hrs
 MAX. Δ CAP. (measured value): \pm 15 %
 MAX. ESR (specified value): \leq 130 %
 MAX. DCL (V_{DC}/5:00/25°C): 3.536 mA

IRMS FREQUENCY MULTIPLIERS

120Hz	400Hz	1kHz	5k-100kHz
0.90	0.95	0.98	1.00

IRMS AMBIENT MULTIPLIERS

25°C	45°C	65°C	85°C	105°C
2.00	1.70	1.40	1.00	0.50


SPECIAL

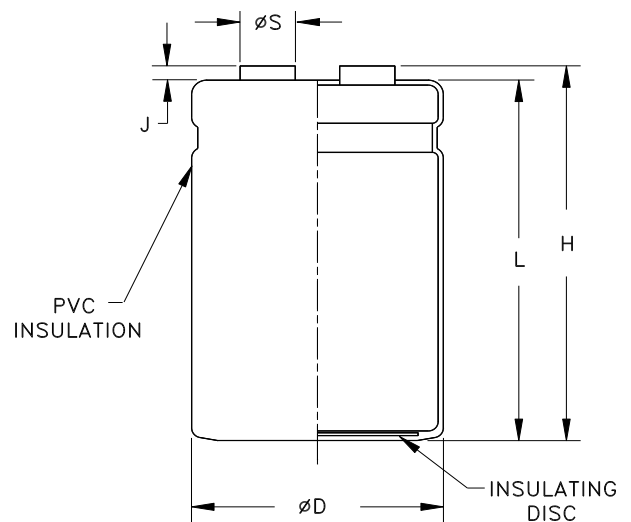
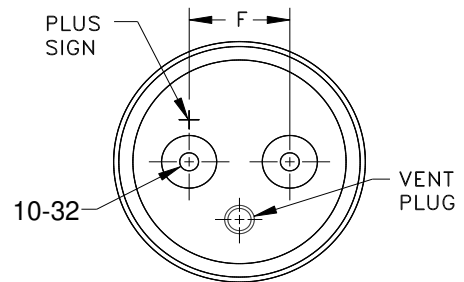
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DIMENSIONAL CRITERIA

	mm	X	in
\varnothing D	1.375	- 0.040	+ 0.040
L	1.875	- 0.080	+ 0.080
H	1.938	- 0.080	+ 0.080
F	0.500	- 0.016	+ 0.016
J	0.063	- 0.040	+ 0.040
\varnothing S	0.313	- 0.010	+ 0.010

MARKING


 747D 105°C
 31000uF 6.3V
 Date Code
 + positive



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