


CUSTOMER:
CUSTOMER PN:
GPN: E74D160LPN383MA80N

DRAWING NO.: 917049

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C): 38000 μ F
 CAPACITANCE TOLERANCE: $\pm 20\%$
 RATED V_{DC}: 16 V
 SURGE V_{DC} (30 sec): 20 V
 MAX. ESR (120Hz/25°C): 7.7 m Ω
 MAX. ESR (20-40kHz/25°C): 4.9 m Ω
 MAX. I_{RMS} (120Hz/85°C): 15.9 A
 MAX. I_{RMS} (20-40kHz/85°C): 17.5 A
 MAX. DCL (V_{DC}/5:00/25°C): 3.100 mA

MECHANICAL CRITERIA

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

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): 3.100 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): 6.200 mA

I_{RMS} FREQUENCY MULTIPLIERS

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

I_{RMS} AMBIENT MULTIPLIERS

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

SPECIAL

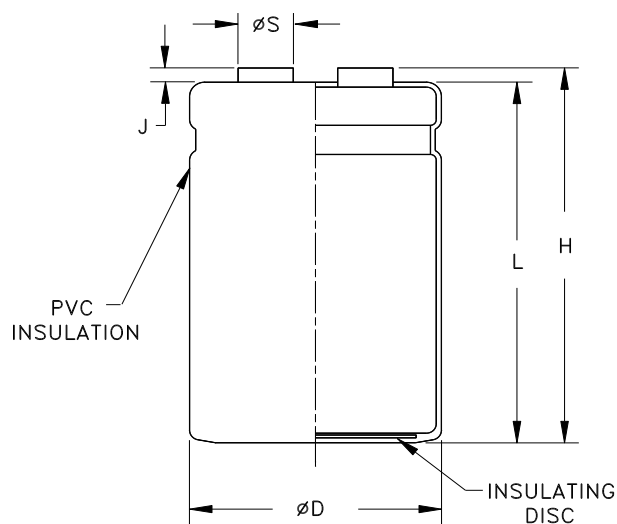
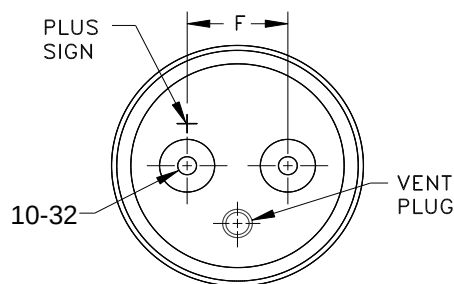
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DIMENSIONAL CRITERIA

	mm	X	in
ØD	1.375	- 0.040	+ 0.040
L	3.125	- 0.080	+ 0.080
H	3.188	- 0.080	+ 0.080
F	0.500	- 0.016	+ 0.016
J	0.063	- 0.040	+ 0.040
ØS	0.315	- 0.010	+ 0.010

MARKING


747D 105°C
 38000uF 16V
 Date Code
 + positive



TDS NO.: TDS-20-0087
 AUTHOR: TMASH
 DATE: 08-JUNE-2020

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