

LTE60F AC/DC Switching Power Supplies

INPUT SPECIFICATIONS :

VOLTAGE 90-264 VAC, UNIVERSAL
 FREQUENCY AUTO RANGING
 CURRENT 1.5 ARMS. MAX. @115VAC 60W LOAD
 1.0 ARMS. MAX. @230VAC 60W LOAD



OUTPUT SPECIFICATIONS :

OUTPUT WATTAGE 60 WATTS MAX. (CONVECTION RATING)
 LINE REGULATION +/- 1.0% TYPICAL
 LOAD REGULATION MAIN OUTPUTS +/- 5%, AUX. OUTPUTS +/- 3.0% TYPICAL (NOTE1)
 NOISE & RIPPLE 1% TYPICAL AT FULL LOAD (NOTE2)
 OVERSHOOT/UNDERSHOOT 5% MAX. @ TURN-ON/ TURN-OFF

VOLTAGE (Vdc)	LOAD RANGE (A)			LINE REGULATION	LOAD REGULATION (NOTE1)	RIPPLE & NOISE (NOTE 2)
	MIN	MAX	PEAK			
V1 +48V	0A	1.25A	1.4A	±1.0%	46.56~49.44Vdc (±3.0%)	480mVp-p (1%)

Note : 1. Peak current lasting <30 seconds with a maximum 10% Duty Cycle.

2. Peak-to-peak for 60W (convection rating) @90Vac MIN. ; Measurements with a 20MHZ bandwidth and terminated with a 10uF electrolytic CAP. in parallel with a 0.1uF ceramic Cap.

ENVIRONMENTAL :

OPERATING TEMPERATURE : 0°C TO 40°C AMBIENT, DERATED EACH OUTPUT AT -1% PER °C FROM 40°C TO 50°C
 STORAGE TEMPERATURE : -40°C TO 85°C
 HUMIDITY : OPERATING, NON-CONDENSING, 5% TO 95%
 VIBRATION : RANDOM OPERATING 2.4 GRMS/MAX. 3 AXES 50~500Hz 10 MINUTES/AXIS
 SHOCK : OPERATING HALF SINE 20 GPK/MAX. 3 AXES 10ms 6 SHOCKS TOTAL

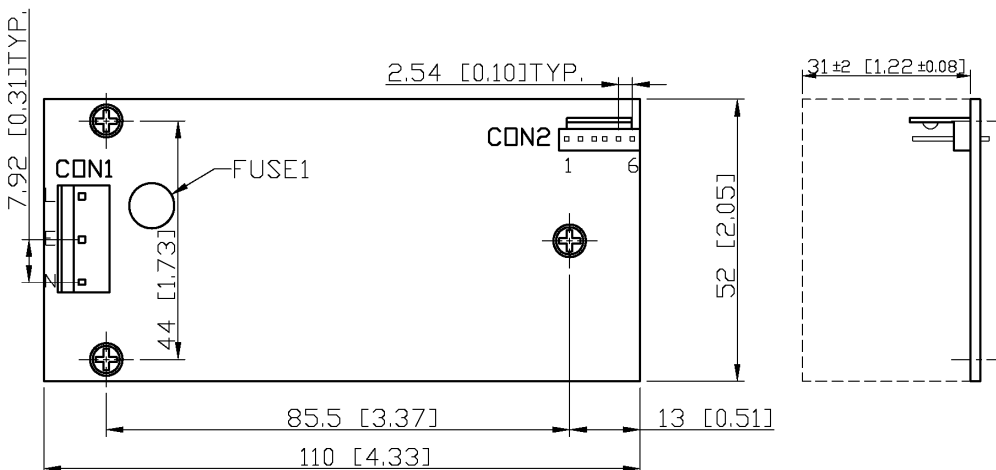
GENERAL SPECIFICATIONS :

EFFICIENCY : @115VAC WITH FULL LOAD >80%, AND @230VAC WITH FULL LOAD >82%
 TURN-ON TIME : @115 VAC WITH FULL LOAD < 3 SEC
 HOLD-UP TIME : @115VAC WITH CONVECTION RATING >16MSEC

ELECTROMAGNETIC COMPATIBILITY SPECIFICATIONS :

EMI CONDUCTED/RADIATED : FCC PART15 & CISPR 22 & EN55022 CLASS B
 DESIGNED TO MEET EN61000-3-3,-4-2,-3,-4,-5,-6,-11
 DESIGNED TO MEET FOLLOWING STANRARD: UL60950, CUL60950, TUV EN60950, CB, CE MARKED

MECHANICAL SPECIFICATION



TOLERANCE : mm±0.5/[inch]±0.02
 UNIT : mm[inch]

LITONE (LTE) ELECTRONICS CO., LTD.

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