

LTE200FS series

Open Frame Switching Mode Power Supply

Main Features:

- Standard 3" x 5" footprint design
- Output Power up to 250W



Technical Specification:

Input and Output Specification:

	S2	S4	S5	S7
Input Voltage	90-264 Vac			
Frequency	50 / 60Hz			
Output Voltage	12V	24V	48V	56V
Min Load	0A	0A	0A	0A
Max Load (convection/ with15CFM forced air)	13A/17A	7.5A/9A	3.8A/5A	3.57A/4.46A
Output Power	156W/204W	180W/216W	182W/240W	200W/250W
Line Regulation	±1%	±1%	±1%	±1%
Load Regulation	±5%	±5%	±3%	±3%
Ripple & Noise (mVp-p)	240	240	480	560
Efficiency @115V; @230V	>81%	>83%	>85%	>85%

Note: 1.Load regulation is tested at 10% to 100% of rated load.

Note: 2.Peak-to-peak for 156W (S2)180W (S4)182.4W (S5) 200W (S7) convection rating)@90Vac MIN.; Measurements with a 20MHz bandwidth and terminated with a 10Uf electrolytic Cap.in parallel with a 0.1Uf ceramic Cap.

General Specification

Turn-on Time (Full Load @115Vac):3 Sec

Hold-up Time (Full Load @115Vac):10mSec

Safety Ground Leakage Current (Class I Type@230Vac 50Hz):<3.5mA

Protection Specification:

Brown-Out Protection: Auto-Recovery

Over Voltage Protection: Latch Off (110-170%)

Over Load protection: Hiccup/Auto-Recovery (Overcurrent Range@110%~200%Above Rating Load)

Short Circuit Protection: Hiccup/Auto-Recovery

Environment Specification:

Operating Temperature:0-50°C

Storage Temperature:-40 to 85°C

Storage Humidity: 5% to 95% RH

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Safety and EMC Approval:

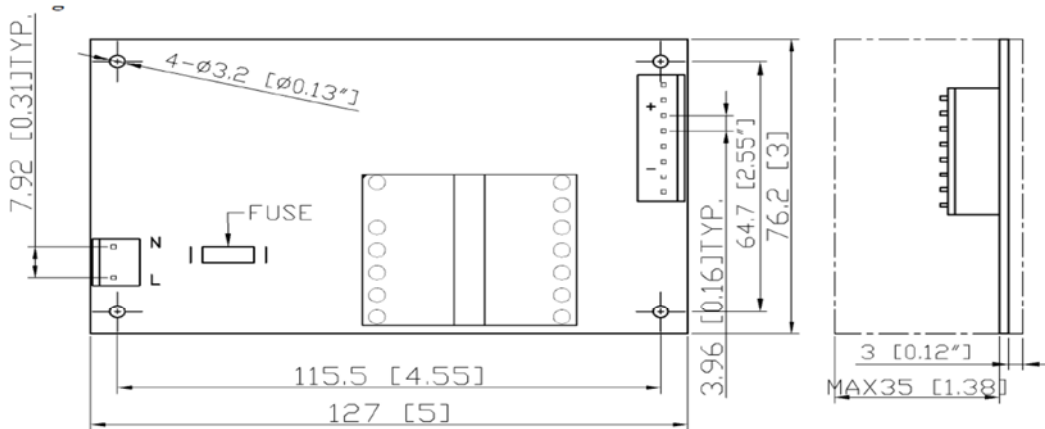
Safety/Model	S2	S4	S5	S7
UL 60950-1	Certified	Certified	Certified	Certified
cUL 60950-1	Certified	Certified	Certified	Certified
TUV EN 60950-1	Certified	N/A	N/A	N/A
CB Report (IEC 60950-1)	Certified	Certified	Certified	Certified
CE	Certified	Certified	Certified	Certified

Mechanical Specification:

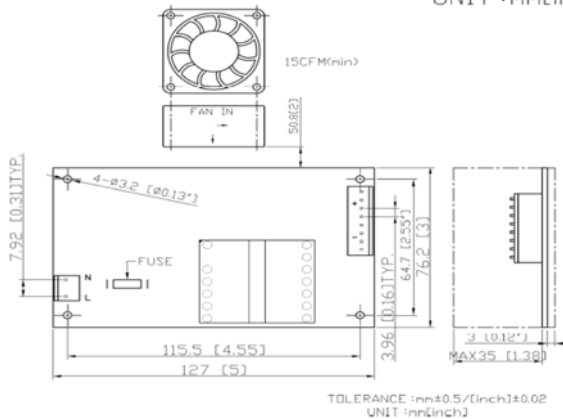
Dimensions: 5"X3"X1.38"

Connector	Connector Type	PIN Number	Signal
CON1 (INPUT)	WAFER 3-1PIN(NC2)P:3.96mm JST VH TYPE AW7921 WV-2P or Equivalent (M02-01411-02110)	PIN1	LINE
		PIN2	NEUTRAL
CON2 (Output)	WAFER 8PIN P=3.96mm (JST-VH) A3961WV-8P or Equivalent (M02-01411-08100)	PIN1~PIN4	V+
		PIN5~PIN8	V-

Mechanical Drawing:



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



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UNIT : mm[inch]