

REVISION -
0/29/01 RJ

A. Electrical Specifications:

1. Input voltage: AC 90V-132Vrms, (AC100-120V rating)
2. Frequency: 47-63Hz
3. Output voltage and current

Model	DC Output Voltage	Min. Load	Max. Load
ESA0520A	5V	0A	2.0A
ESA0620A	6V	0A	2.0A
ESA0920A	9V	0A	1.4A

Model	DC Output Voltage	Min. Load	Max. Load
ESA1220A	12V	0A	1.4A
ESA1520A	15V	0A	1.2A
ESA1720A	17.5V	0A	1.0A

4. Input surge current 50A MAX under a cold start
5. Efficiency: 65% MIN for 5V and 6V, 75% MIN for all others at rated input - output
6. Output Regulation: ±5% MAX at all conditions
7. Ripple and Noise: 200mVp-p with 100µF on the output

Note: This is specified at any combination of input voltage, frequency, load current, humidity, or temperature within their respective limits.

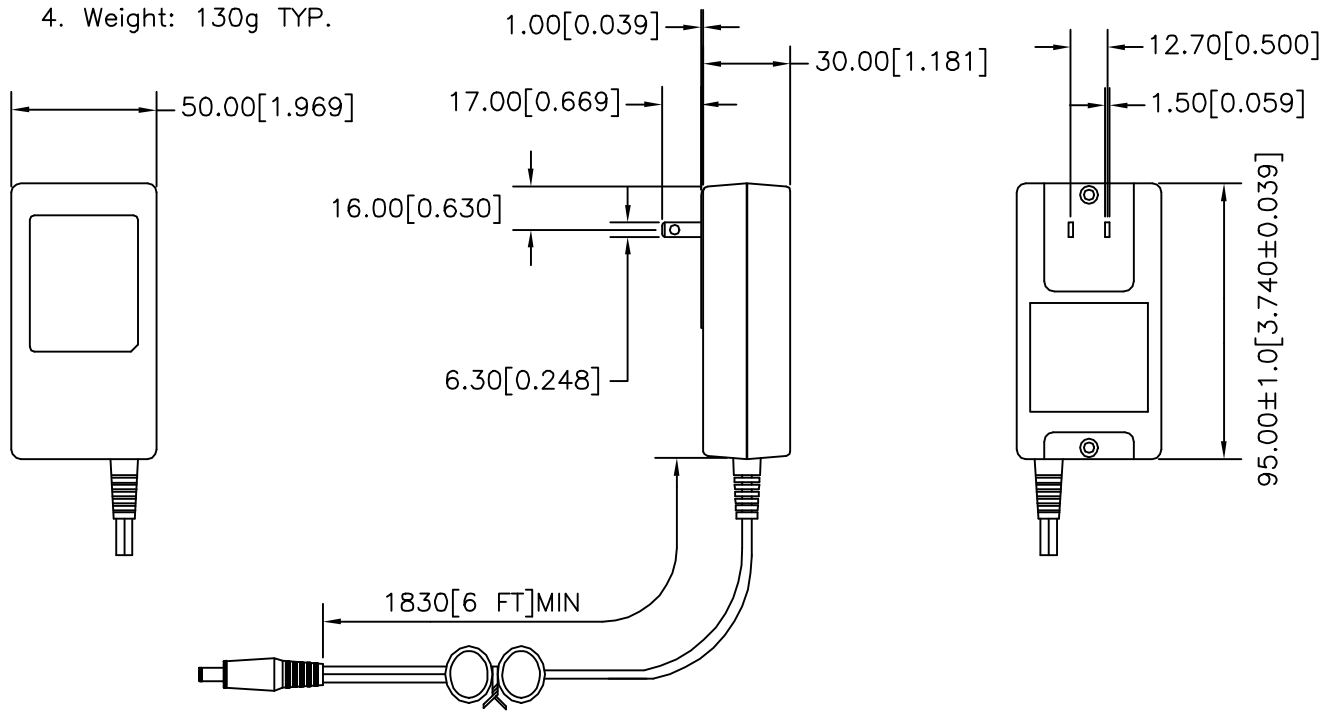
8. Hold-up Time: 10msec MIN with 100V input
9. Overload Protection is provided (short circuit)
10. Operating temperature: 0°C to +40°C
11. Operating Humidity: 10% to 90%, non-condensing
12. Storage temperature: -10°C to +70°C
13. Storage Humidity: 5% to 95%, non-condensing
14. EMC Characteristics: FCC Part 15J Class B conducted, VCCI Class II
15. Withstand voltage: AC 1000V rms 1 minute @ Input to Output
16. Insulation resistance: 50MΩ minimum @ 500VDC Input to Output

B. Safety: UL1310, File No. E82180; CSA C22.2 No. 223, File LR98489; MITI or PSE

C. Nameplate: T. B. D.

D. Mechanical Specifications:

1. All dimensions nominal unless otherwise specified.
2. 2 Prong input
3. Output Plug: EIAJ 6705, Center Minus (Standard), 5.5 x 2.1 x 9.5
4. Weight: 130g TYP.



REPAIRED BY:

J. Rund

ENGINEER:

R. Jones

QUALITY CONTROL:

J. Kelley

APPROVED:

DWG CONTROL NO.
P-A7-12789
ACAD\PS\A7127891.DWG

REV
-

18W
SWITCHING ADAPTOR

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
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ESA SERIES

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 1

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