



ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

AC/DC SWITCHING DESKTOP ADAPTOR
POWER SUPPLY WITH PFC
SINGLE OUTPUT / UNIVERSAL RANGE INPUT
150 WATTS

DTE150-SX-F-W Series



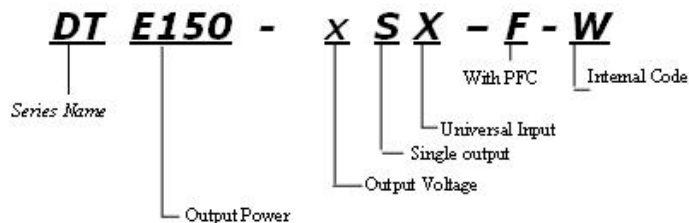
Dimension: L170×W85×H44mm



Input

Input Voltage Range:	90-264VAC
Frequency:	47-63Hz
Input Current (rms) :	2.5A @ 90Vac; 1.25A@ 264Vac max.
Power Factor:	>0.9 (115VAC100%Load)
Efficiency :	>85% @ full load, 115VAC

General Description



Features

1. High Reliability
2. 100% BURN-IN Tested
3. 100% Hi-Pot tested
4. Safety Approvals, EMC compliance
5. 40mm cooling fan
6. AC input: IEC 320-C14 Inlet
7. Two year warranty
8. Meets CEC Level IV Requirements

Output Characteristic	Unit	DTE150-12SX-F-W	DTE150-16SX-F-W	DTE150-19SX-F-W	DTE150-24SX-F-W	DTE150-36SX-F-W	DTE150-48SX-F-W
		12	16	19	24	36	48
Output Voltage	Vdc	12	16	19	24	36	48
Output Current	A	12.5	9.38	7.9	6.25	4.17	3.13
Output Power	W	150					
O/P Regulation	%	±3%					
Ripple & Noise (Vp-p) *	mVp-p	+5% / -2%					
Hold-up time	mS	>16ms typical at full load @ 115VAC					

* Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.



ETA USA

16170 Vineyard Blvd. Suite 180, Morgan Hill, CA 95037
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Visit us at: www.eta-usa.com
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Environmental Specification

Operating Temperature	0 to +40°C
Storage Temperature	-10 to +85°C
MTBF demonstrated	>80'000 hours at full load and 25 °C ambient temperature

Environmental Agencies

Safety Standards	UL 60950 -1 CSA 22.2-No.60950-1 TUV EN60950-1 CB IEC 60950-1
EMC Standards	CISPR 22 Class B, FCC Class B, EN55022 Class B, CE

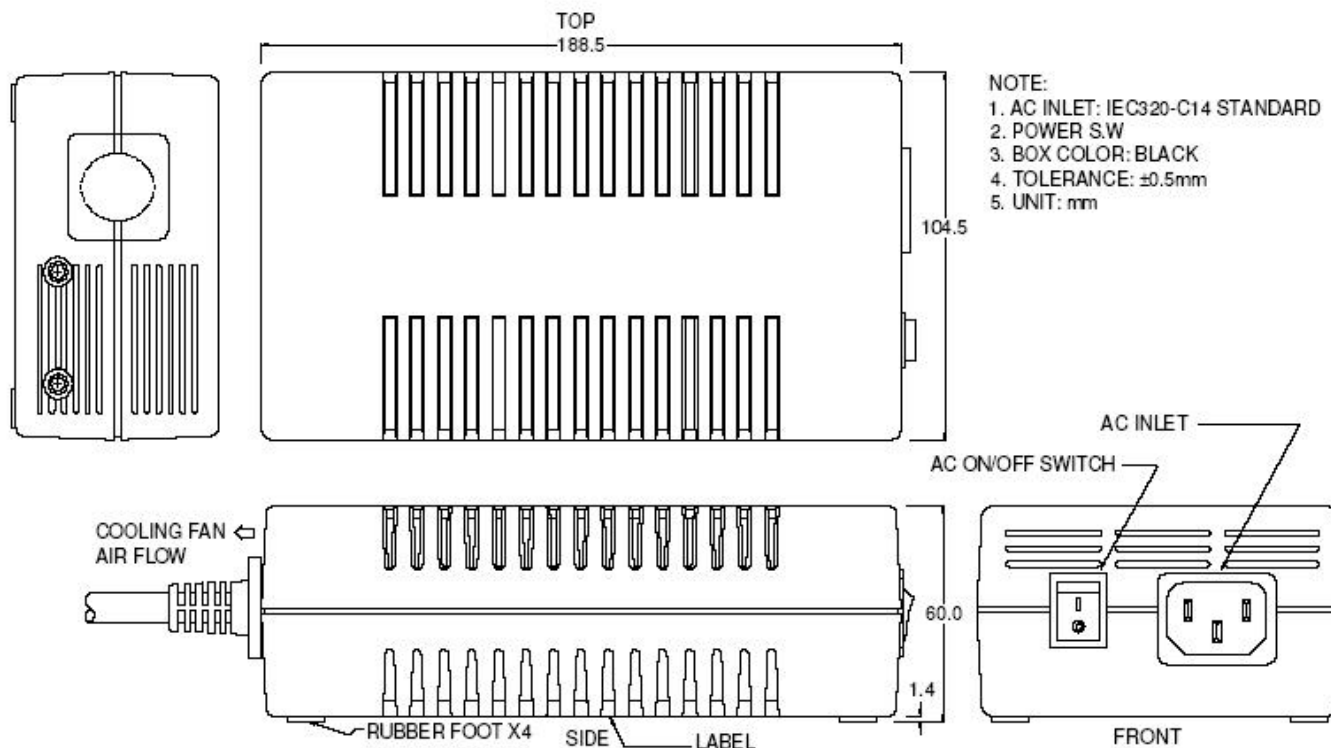
Protection

Short circuit protection	Auto Recover
Over Load Protection	Auto Recover
Over Voltage Protection	LATCH AC Recycle

Mechanical

Dimension [mm]: L188.5×W104.5×H60mm
AC Input : IEC 320-C14

DIMENSION DIAGRAM (mm)



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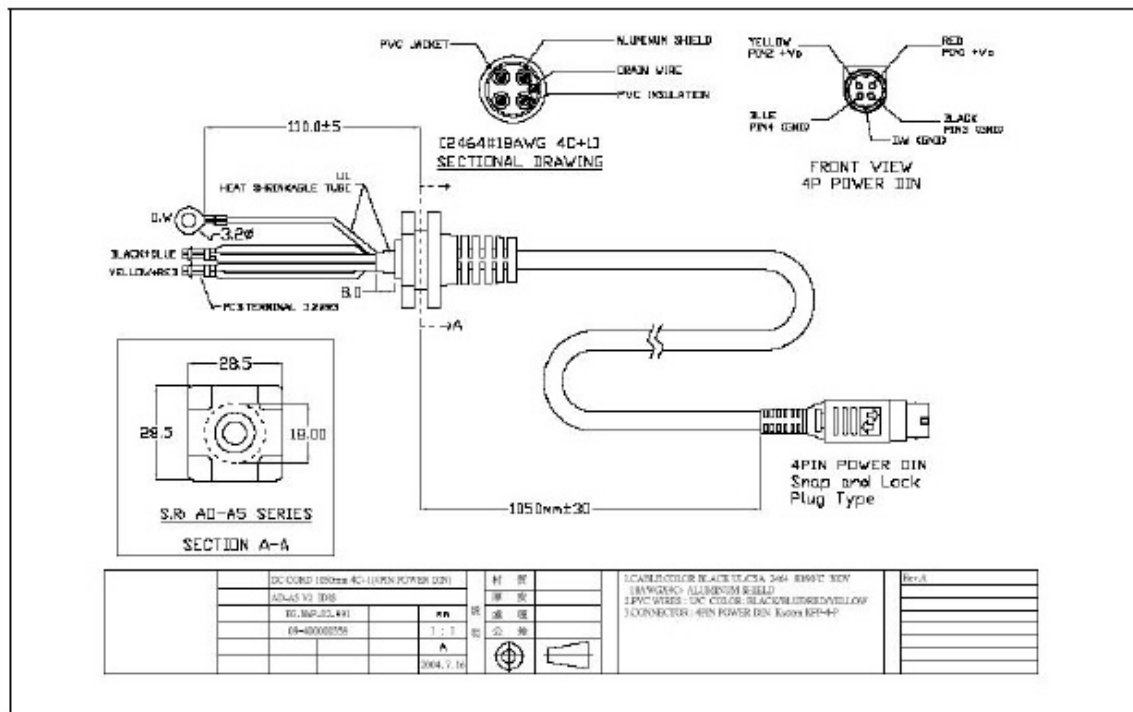
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