ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

AC/DC SWITCHING DESKTOP ADAPTOR
POWER SUPPLY
SINGLE OUTPUT / UNIVERSAL RANGE INPUT

70 WATTS



DTC70-xSX-W SERIES

DIMENSION: L155×W85×H50mm

Input

Input Voltage Range: 90-264VAC(Full Range)
Input Current (rms): 2A @ 90VAC;
1A @ 264VAC MAX.

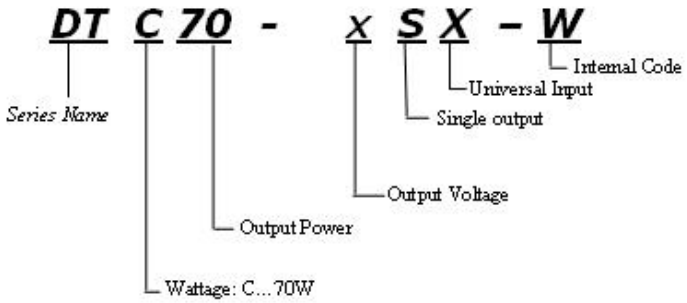
Frequency: 47 - 63Hz

Efficiency: >80%@full load, 115VAC

Options

N/A

General Description



Features

1. High Reliability
2. 100% BURN-IN Tested
3. 100% Hi-Pot tested
4. Safety Approvals, EMC compliance
5. Single Output
6. Total Power : 70Watts
7. Input : 90~264VAC
8. AC Input : IEC 320-C14 Inlet
9. Dimension : L155×W85×H50mm

Output Characteristic	Unit	DTC 70-12SX-W	DTC 70-13SX-W	DTC 70-14SX-W	DTC 70-15SX-W	DTC 70-16SX-W	DTC 70-17SX-W	DTC 70-18SX-W	DTC 70-19SX-W	DTC 70-20SX-W	DTC 70-21SX-W	DTC 70-22SX-W	DTC 70-23SX-W	DTC 70-24SX-W
Output Voltage	Vdc	12	13	14	15	16	17	18	19	20	21	22	23	24
Output Current	A	5.8	5.4	5	4.6	4.37	4.11	3.88	3.68	3.5	3.33	3.18	3.04	2.9
Output Power	W	70	70	70	70	70	70	70	70	70	70	70	70	70
Ripple and Noise	mVp-p	120	130	140	150	160	170	180	190	200	210	220	230	240
Output Regulation	%	±3 ~ 5%												
Hold up time	mS	>16ms typical at full load @ 115VAC												

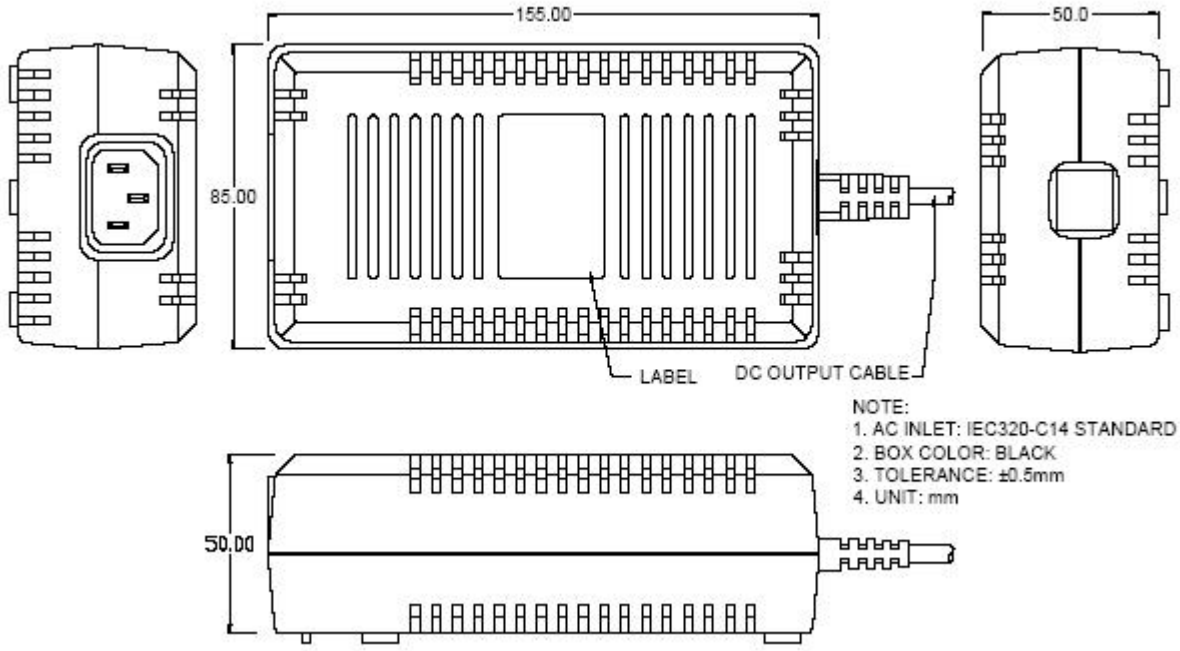
Efficiency	%	>80% @ full load, 115VAC

Note: 1. Peak to Peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.

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Environmental Specification	
Operating Temperature	0°C TO +40°C
Storage Temperature	-10°C +70°C
MTBF	>80'000 Hours at full load and 25°C ambient temp.
Protection	
Over voltage protection: AC recycle Short circuit protection: Auto recovery	
Safety	UL 60950 CSA C22.2-No.60950 TUV EN60950 CB IEC 60950 PSE J60950 CCC
EMI STANDARDS	FCC Part 15 Class B CISPR22 Class B EN 55022 Class B EN 61000-3-2 Class D EN 55054 CE
Dimension	L155×W85×H50mm
AC Input Connector	IEC 320-C14

DIMENSION DIAGRAM mm



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