



# ETA-USA

## HIGH QUALITY SWITCHING POWER SUPPLIES

AC/DC SWITCHING DESKTOP ADAPTER  
POWER SUPPLY WITH PFC  
SINGLE OUTPUT / UNIVERSAL RANGE INPUT  
**200 WATTS**  
**CEC V**

### DTE200-SX-F-W-C2 Series



Dimension: L188.5×W104.5×H60mm



**RoHS**

#### General Description

#### Features

#### Input

**Input Voltage Range:** 90-264VAC

**Frequency:** 47-63Hz

**Input Current (rms):** 3A @ 115Vac, 60Hz;

**Inrush current:** 150A(max) at 230VAC cold start

**Power Factor:** >0.9 (115VAC100%Load)

**Efficiency :** >85% @ full load, 115VAC

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. Meet CEC & Energy Star level V requirements
9. Green functions+ No load power consumption <.3 W

Output Characteristic	Unit	Models						
		DTE200-12SX-F-W-C2	DTE200-16SX-F-W-C2	DTE200-19SX-F-W-C2	DTE200-20SX-F-W-C2	DTE200-24SX-F-W-C2	DTE200-36SX-F-W-C2	DTE200-48SX-F-W-C2
Output Voltage	Vdc	12	16	19	20	24	36	48
Output Current	A	16.66	12.5	10.53	10	8.33	5.56	4.17
Power	W	200						
O/P Regulation		±5%						
Ripple & Noise(max)*3	mVpp	240	300	300	300	300	300	300
Rise up time	mS	>16ms typical at full load @ 115VAC						





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<b>Environmental Specification</b>	
Operating Temperature	0 to +50°C
Storage Temperature	-10 to +70°C
MTBF demonstrated	>140,000 hours at full load and 25 °C ambient temperature
Humidity	20%~90% non-condensing
Temperature coefficient	±0.05% / °C
Withstanding voltage	Primary-secondary: 4242VDC for 4sec Primary-frame ground: 2121VDC for 4sec
Insulation resistance	Primary-secondary: 20MΩ min. 500VDC Primary-frame ground: 20MΩ min. 500VDC
<b>Environmental Agencies</b>	
Safety Standards	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
<b>Protection</b>	
Short circuit protection	Auto Recover once short circuit removed
Over Load Protection	Auto Recover. Overload range from 110%~160% max load.
Over Voltage Protection	Overvoltage range from 13.2~16VDC, latch off before reaching limit. Manual power reset necessary.
<b>Mechanical</b>	
Dimension [mm]: L188.5×W104.5×H60mm	
AC Input : IEC 320-C14	

Any overshoots during turn-on/ turn-off should be less than ±5% of the voltage regulation tolerance. No voltage of opposite polarity shall be present on any output during turn-on or turn-off.

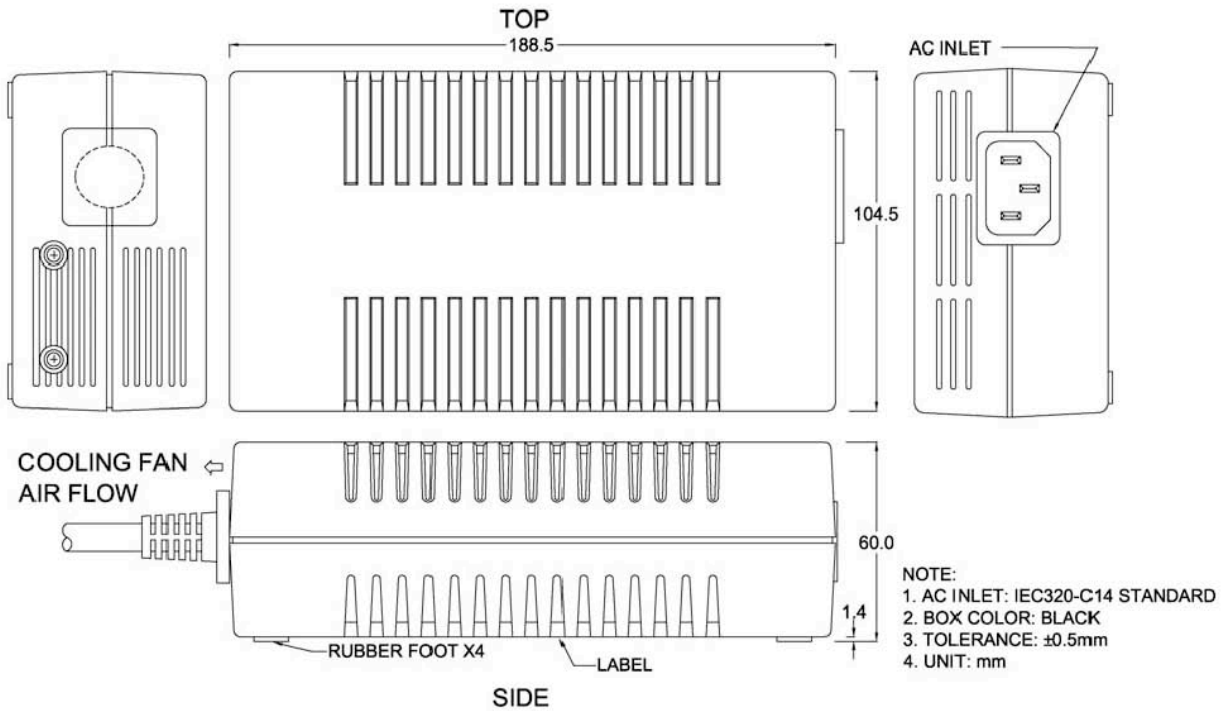




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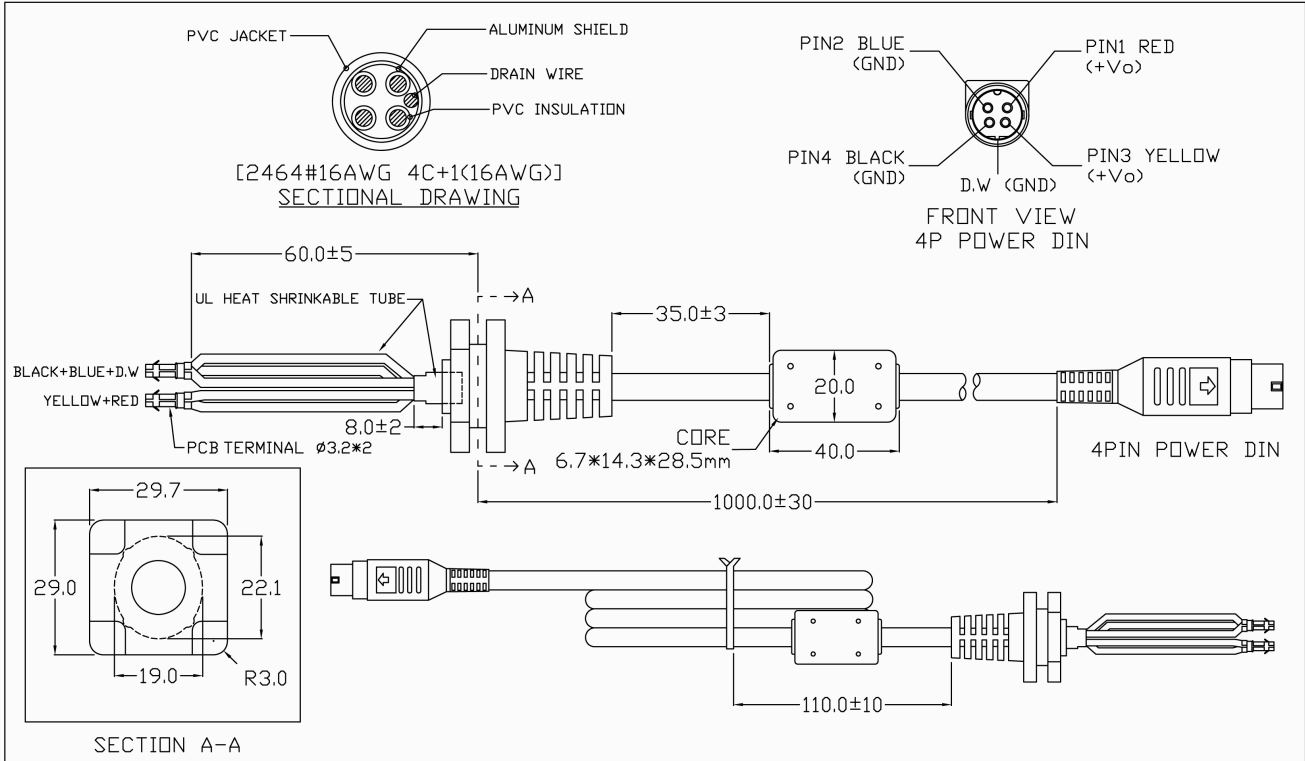
## DIMENSION DIAGRAM (mm)





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# Mouser Electronics

Authorized Distributor

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