



# ETA-USA

## HIGH QUALITY SWITCHING POWER SUPPLIES

**AC/DC SWITCHING POWER  
SUPPLY  
150 WATTS  
AC INPUT 90-264 VAC**

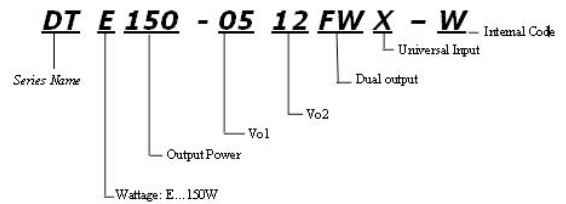
### DTE150-FWX-F-W



Dimension : L188.5×W104.5×H60mm



#### General Description



#### Features

1. With Active PFC
2. Universal Input
3. AC Input : IEC 320-C14 Inlet
4. Two year warranty
5. Optional +5VSB @2A with 5% O/P regulation and 50mV ripple
6. High reliability
7. 100% burn-in tested
8. 40mm cooling fan with speed control
9. 100% hi-pot tested
10. Short-circuit, over load, over voltage protection

#### Input

Input Voltage	90-264VAC
Range:	
Frequency:	47-63Hz
Input Current (RMS) :	
	2.5A max.@ 90VAC
	1A max.@ 264VAC
Power Factor:	
	>0.9 (20%~100% Load)
Efficiency :	
	>80% @ full load, 115VAC
Ripple & Noise :	
	1%

#### Output Characteristic

#### DTE150-0519FWX-F-W

	Output Rating		Po (Max.)	O/P Regulation	Ripple & Noise(Vp-p)
	Vo	Io (max)			
5 Vdc	+5Vdc	15A	150	5%	50mV
19 Vdc	+19Vdc	5A		5%	190mV

Note: 1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF

#### Hold-up time

>10ms typical at full load @ 115VAC

#### Output Characteristic

#### DTE150-1212FWX-F-W

	Output Rating		Po (Max.)	O/P Regulation	Ripple & Noise(Vp-p)
	Vo	Io (max)			
12 Vdc	+12Vdc	12A	150	5%	120mV
-12 Vdc	-12Vdc	1.5A		5%	120mV

Note: 1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF

#### Hold-up time

>10ms typical at full load @ 115VAC

#### Output Characteristic

#### DTE150-0512FWX-F-W

	Output Rating		Po (Max.)	O/P Regulation	Ripple & Noise(Vp-p)
	Vo	Io (max)			
5 Vdc	+5Vdc	15A	150	5%	50mV
12 Vdc	+12Vdc	8A		5%	120mV

Note: 1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF

#### Hold-up time

>10ms typical at full load @ 115VAC

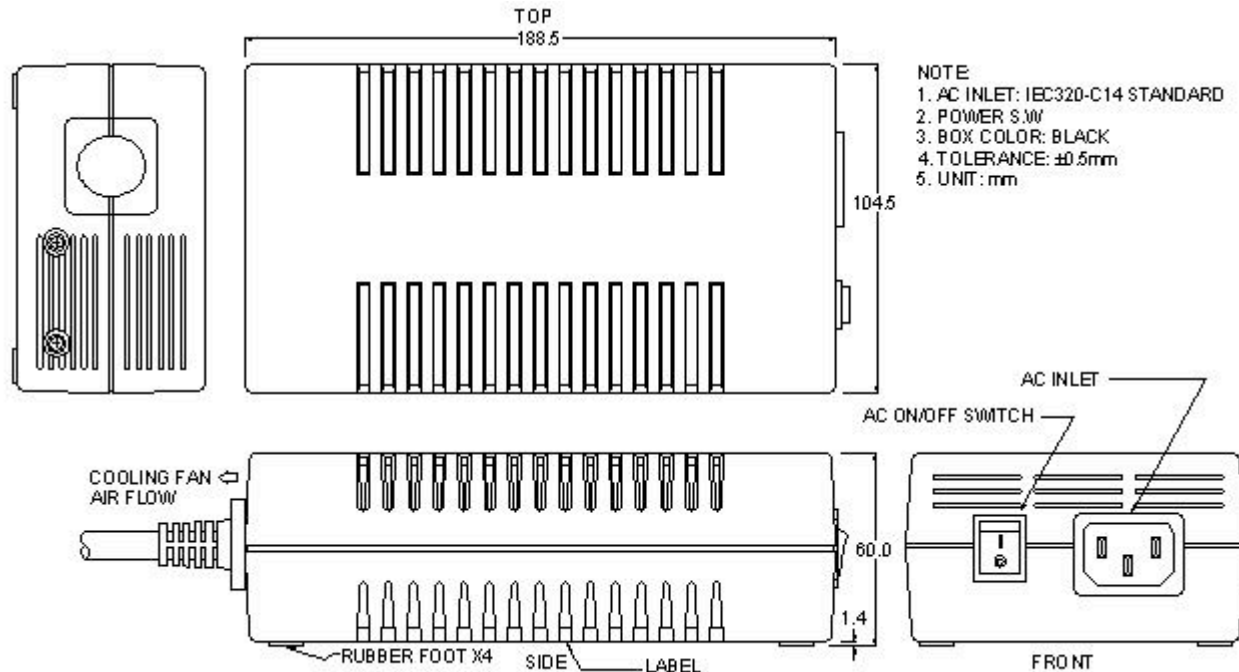


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## HIGH QUALITY SWITCHING POWER SUPPLIES

Environmental Specification	
Operating Temperature	0 to +50°C
Storage Temperature	-10 to +70 °C
Humidity	20~90%
MTBF demonstrated	>100,000 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
EMI Standards (Meet)	FCC Class B    CISPR 22 Class B    EN 55022 Class B    CE
Protection	
Short circuit protection	Auto-recover
Over Voltage Protection	Auto-recover
Over Load Protection	Auto-recover
Mechanical	
Dimension [mm]	<b>Dimension : L188.5×W104.5×H60mm</b>

### DIMENSION DIAGRAM (mm)



# Mouser Electronics

Authorized Distributor

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