

Open Frame 3x5

PTE43-XXXX Series Low Profile	
Total Power	40Watts
Input Voltages	90-264 VAC
Number of Outputs	One to Three

Product Specifications

ANZ#: Z043, August 31, 2001

SPECIAL FEATURES

- Low profile with 28mm max. height
- Universal AC input
- Regulated output
- EMI filter built in
- Overload and short circuit protection

ELECTRICAL SPECIFICATIONS

Input range	90 to 264 VAC, Full range
Frequency	47 to 63 Hz
Inrush current	50.0 Amps maximum at both 115/230VAC
Input current	1.2Amps maximum at both 115/230VAC
Efficiency	70% typical at 120VAC and maximum load
EMI filtering	FCC part 15J class B, CISPR 22 class B
Maximum power	40W
Voltage regulation	±3% @constant voltage mode
Hold up time	Half cycle minimum at 120 VAC and 80% of rated load
Protection	Overload protection Short circuit and overload protection: output short circuit, auto recovery

ENVIRONMENTAL

Operating temperature:	0 to 50 °C
Storage temperature:	-20 to 85 °C
Humidity (Non-Condensing):	5 – 95%
Cooling:	Convection
Vibration Frequency:	5 to 50 Hz
MTBF:	>100,000 Hours at full load and 25°C ambient conditions

SAFETY

UL/cUL	UL1950
CSA	CSA
TUV	TUV EN60 950
CE	



ORDERING INFORMATION

Model #	+3.3V	+5.0V	+6.0V	+9.0V	+12.0V	+15.0V	+18.0V	+24.0V	-5.0V	-12.0V	-15.0V	+7.5V	-18.0V
PTE43-3.3Vz	13A												
PTE43-5Vz		8.0A											
PTE43-6Vz			7.2A										
PTE43-9Vz				4.5A									
PTE43-12Vz					3.6A								
PTE43-15Vz						2.7A							
PTE43-24Vz							1.79A						
PTE43-21z		6.0A			3.6A								
PTE43-22z	6.0A				3.6A								
PTE43-23z		6.0A				2.7A							
PTE43-31z		6.0A			3.6A					0.5A			
PTE43-32z	6.0A				3.6A					0.5A			
PTE43-33z		6.0A			3.6A				0.5A				
PTE43-34z		6.0A				2.7A					0.5A		
PTE43-36z							2.0A					3.0A	0.4A
Regulation	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%
Ripple Noise	50mV	50mV	75mV	100mV	120mV	150mV	180mV	240mV	50mV	120mV	150mV	75mV	180mV

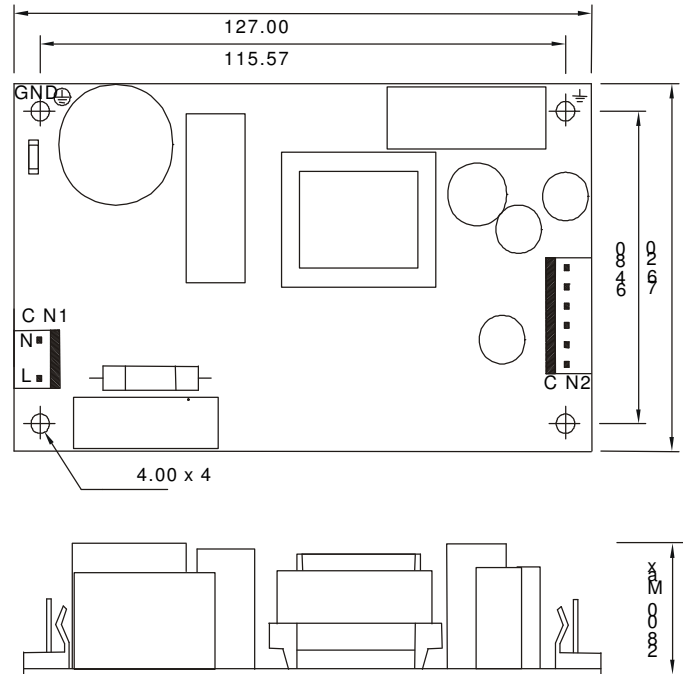
1. PTE43-xxVZ (z = blank, C or CT; Blank = open frame only; C = Case type with IEC socket; CT = Case type with terminal block)
2. Provided air flow 6CFM for PTE43-3.3VC and PTE-43-22C.
3. Ripple peak-to-peak with 20MHz bandwidth and a capacitor, 47uF/50V, cross-connected at testing point.



MECHANICAL DRAWINGS

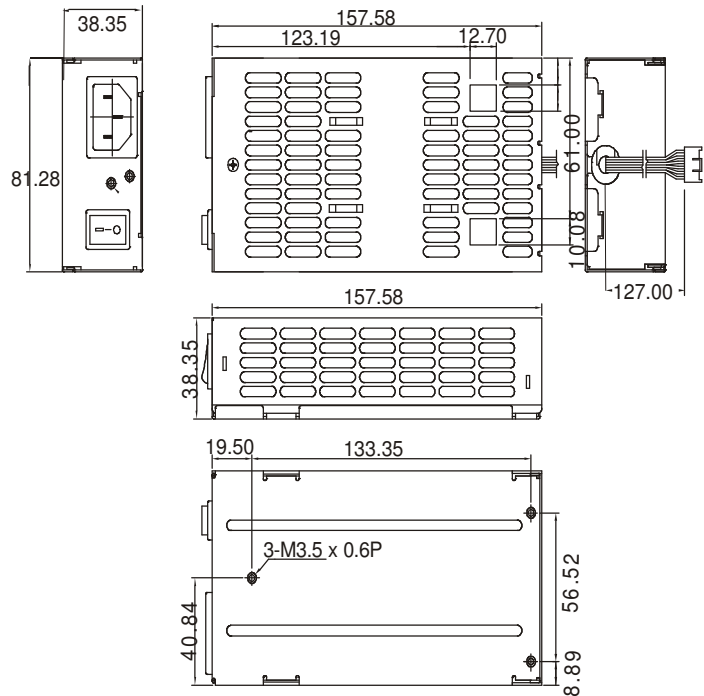
AC Input:
Molex p/n. 09-65-2038 or equivalent
DC Outputs:
Molex p/n. 09-65-2108 or equivalent

PTE43-xxx



AC Input:
CEE type power receptacle
DC Outputs:
Molex 90331 or equivalent, 6-pin

PTE43-xx-C



1. Specification subject to change without notice.
2. All dimensions are in mm.
3. Weight: 0.378 lb/ 0.172 kg