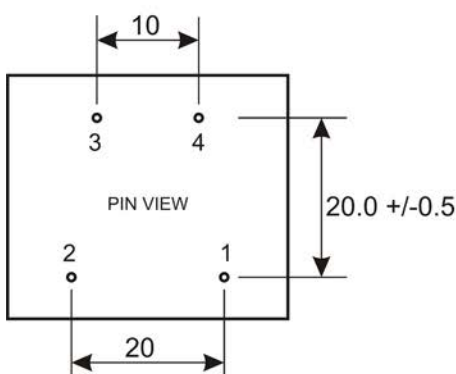




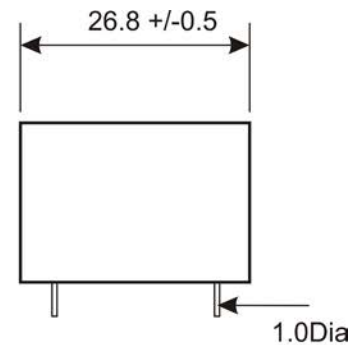
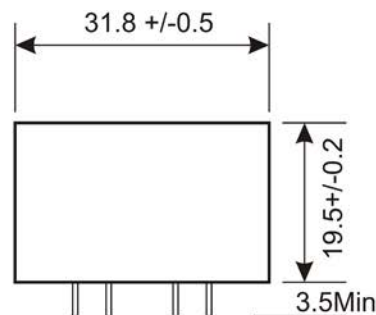
Features:

- 5W Small Compact Size
- Single Output - Regulated
- Output Range: 3.3V - 48VDC
- Low Standby Power <0.15W
- Fully Isolated Pri - Sec >4200Vrms
- Insulation: Class II
- Materials: UL94-V0
- Safety: EN61558, EN60950, CE, UL, TUV

Part Number	Power Rating Watts	Output Voltage (VDC)	Output Current (mA)	Ambient Temp. (°C)	Efficiency Typical	Input Range
VTX-214-005-103	4.2	3.3	1272	50	>70%	90 - 265VAC (100 - 370VDC)
VTX-214-005-105	5	5	1000			
VTX-214-005-106	5	6	833			
VTX-214-005-107	5	7.5	666			
VTX-214-005-108	5	8	625			
VTX-214-005-109	5	9	555			
VTX-214-005-110	5	10	500			
VTX-214-005-112	5	12	416			
VTX-214-005-115	5	15	333			
VTX-214-005-118	5	18	277			
VTX-214-005-124	5	24	208			
VTX-214-005-148	5	48	104			
Note: Other output voltages are available upon request.						



Pins 1&2: AC/DC Input
Pin 3: Output DC +V
Pin 4: Output DC 0V



Unit weight: 30g

Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

Vigortronix, 16 De Havilland Way, Witney, Oxfordshire, OX29 0YG, UK

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Model: 5 Watt		Specification
INPUT Pin 1: L Pin 2: N	Voltage Range	90 - 264VAC / 47 - 63Hz (120VDC - 370VDC)
	Current	100mA Max (100VAC) / 70mA Max (240VAC)
	Inrush Current	15A Max (100VAC) / 25A Max (240VAC)
	No Load power	0.15W Max
	Leakage Current	0.3mA Max
OUTPUT Pin 3: DC+ Pin 4: DC-	Voltage Accuracy	<5%
	Ripple	<50mV Max (Vp-p)
	Noise	<1% Vout Max (Vp-p)
	Efficiency	>70%
	Minimum Load	0
Protection	Over Power	Hiccup mode
	Over Voltage	Hiccup mode
	Short Circuit Protection	Hiccup mode
Dielectric Isolation	Input to Output	3600Vrms, 5mA 1 Min (4200VAC 2sec)
Enviroment	Operating Temperature	-40°C - +70°C (Full Load)
	Storage Temperature	-40°C - +105°C
	Humidity	20 - 95% RH
	MTBF	>300,000Hrs @ 25°C (MIL-HDBK-217F)
	Weight	30g
Safety	Agency Approval	EN60950-1, EN61558-1, EN61558-2-6, EN61558-2-17, TUV
EMC	EMI	Compliance with EN55022 Class B
	EMS	Compliance with EN55024, EN55014-1, EN55014-2, EN61000-3-2 Class A, EN61000-3-3

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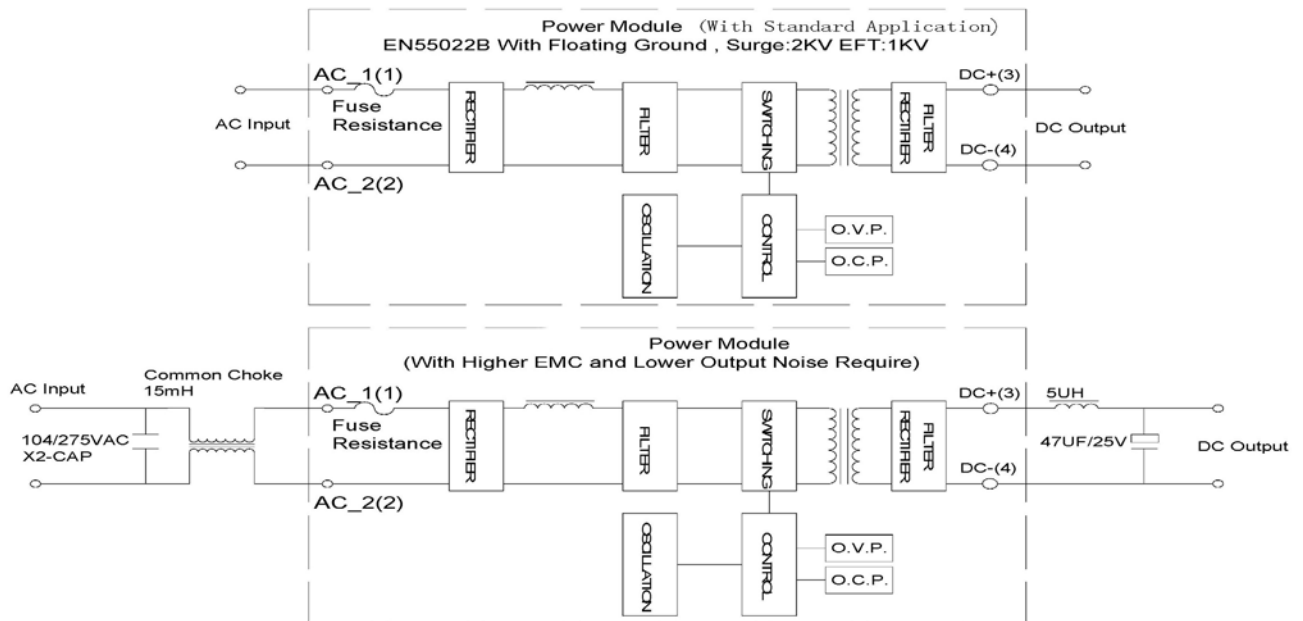
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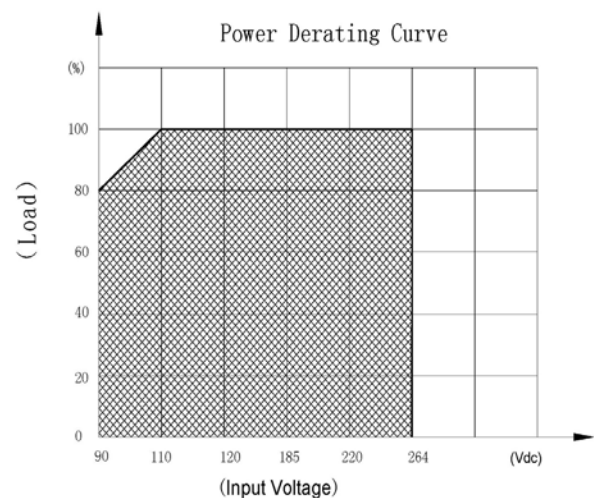
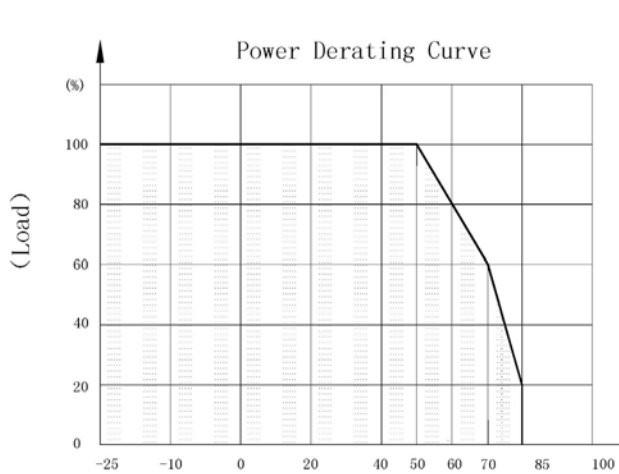
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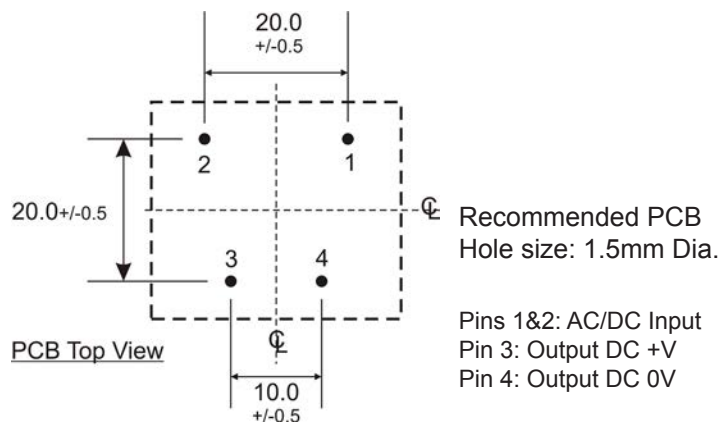
Schematic



Derating Graph



PCB Layout



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