

### WMX050-4000-R

#### Electrical Specifications (@25C)

- 1. Input Voltage rating: 100-240VAC, 50-60Hz
- 2. Input Voltage range: 90-264VAC
- 3. Input current: <0.7A(RMS) @ 115VAC
- 4. Max Inrush Current: <60A peak @ 115VAC (Cold start)
- 5. Output Voltage: 5.0VDC
- 6. Output Current: 4.0A
- 7. Over Current Protection: > 6A
- 8. Regulation (line & load):  $\pm 5\%$
- 9. Ripple & Noise: 200mVpk-pk Max.
- 10. No load power (stand by): <100mW
- 11. 10% Load Efficiency: 82.47% @ 230v, 50Hz
- 12. Average Efficiency:  $\geq 82.49\%$ . Meets minimum level VI efficiency.

#### Environmental Specifications

- 1. Operating Temperature Range: 0°C to +25° C @ full load
- 2. Storage Temperature Range: -20°C to +80°C
- 3. Humidity: 5% to 95%, Non-condensing

#### Reliability Specifications

- 1. Leakage Current: <0.25mA (264VAC)
- 2. Dielectric Strength (Hi-pot): 4242VDC/3secs., 5mA Max
- 3. Warranty: 5 years

#### Mechanical Parameters

Case Type: Thermoplastic molded enclosure.  
Output Cord: 18 AWG, 4.0 Ft. Long Nom.

#### Safety & EMI

UL Standard: ANSI/AAMI ES60601-1: A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012, CSA CAN/CSA-C22.2 NO. 60601-1:14 Class II, 2 Means of Patient Protection (2XMOPP)

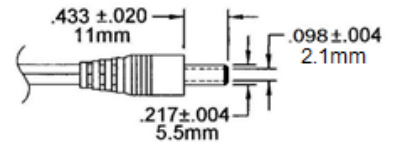
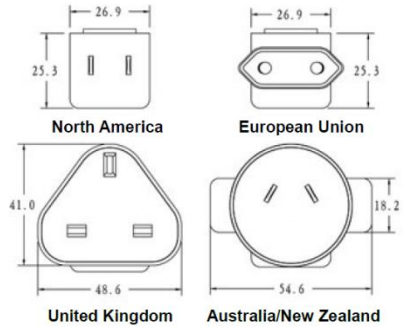
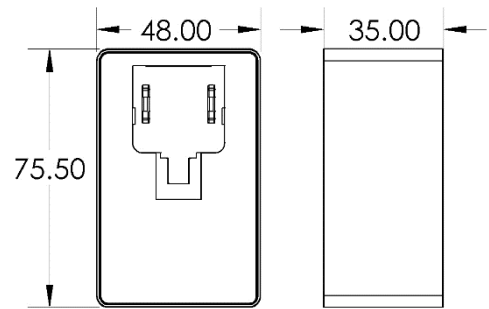
IEC Standard: IEC 60601-1:2005 & IEC 60601-1:2005/AMD1:2012

RCM: EN 60601-1-2: 2015, IEC 60601-1-2: 2014, CISP 11: 2009 + A1: 2010, EN61000-3-2: 2019, EN 61000-3-3: 2013 +A1: 2019

EMC Standard: EN/IEC 60601-1-2:2015 & 2014 and EN61000-3-2 & 3

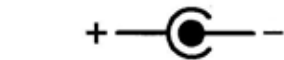
EMI standard: FCC 47 CFR Part 18, ICES-001

Over voltage and short circuit protected



RoHS Compliance: Meets the requirements of 2015/863/EU, known as the RoHS 3 initiative.

Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.



Dim.: mm