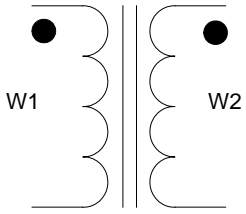


**Schematic Symbol:****Turns Ratio:**

W1 (primary) : W2 (secondary) = 4.5:1

**Primary Inductance:**

100uH +/-20%

**Topology:**

Active Clamp Forward. Input range is 36V to 72V. Output voltage is 5V at 30A. Note that the flux swings from the first to third quadrants in the active clamp topology. Otherwise, the characteristics are the same as a standard forward converter.

**Switching Frequency:**

200kHz +/-15kHz

**Footprint:**

Through hole is acceptable. Design for lowest cost. 1.2" maximum height.

**Current Ratings:**

The primary winding needs to be able to handle at least 5.5A(rms). The secondary winding needs to be able to handle at least 25A(rms).

**Isolation:**

1500V

**Temperature Rise:**

40 deg C rise, 100 LFM

**Schematic:**

See separate document (PMP2214\_REVA.PDF).