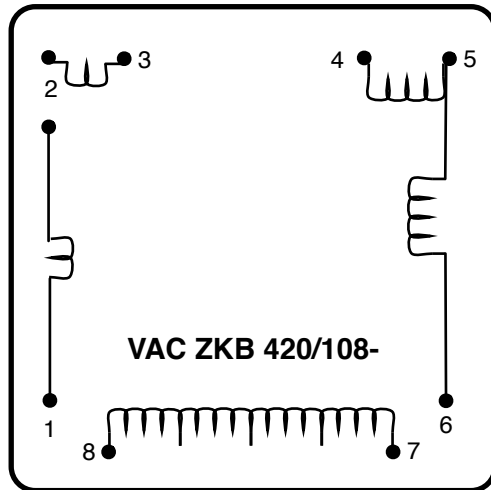
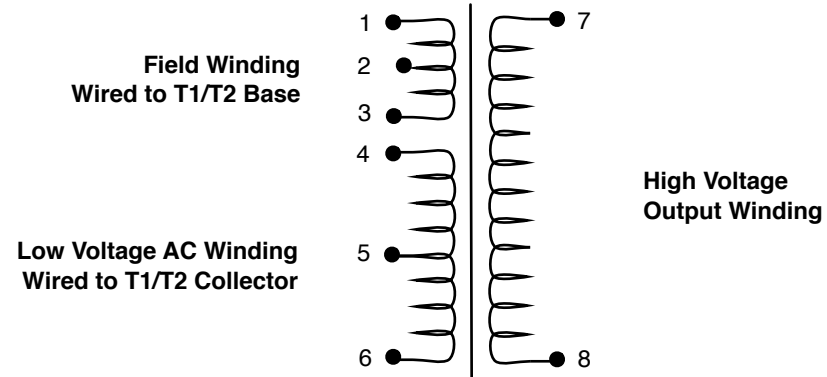


Magneti Marelli Dinoplex AEC104 / Raceplex AEC 106 Toroidal Transformer
 V 1.0 info@dinoplex.org 12/2013, www.dinoplex.org

Transformer Terminals (top view)



Transformer Windings and Terminals



Primary/Secondary Winding LCR* Measurements

Terminals	Inductivity	Resistance
1-2	140 μ H	4.3 Ω
2-3	140 μ H	4.3 Ω
4-5	1350 μ H	80 Ω
5-6	1350 μ H	80 Ω
7-8	1280 mH	20 k Ω

*Measurements were done using an LCR Meter at 1KHz. A variance in measurement results of +-10-20% is normal, results which are more than 20% off usually indicate a broken transformer.

Field Winding to T Base (Terminal: 1 & 3)

1 & 2: +2V to -7V AC, 1.8kHz, square wave

Low Voltage AC (Terminal: 4 & 6)

4 & 6: +34V to -1V, 1.8kHz, square wave

High Voltage Output (7-8)

1KV AC (unloaded), 1.8kHz @12V/1.6A Supply Input