

CHARACTERISTICS	POWER XFMR <small>*(see below for types)</small>	PULSE XFMR	CURRENT XFMR <small>(for measuring current)</small>	POTENTIAL XFMR <small>(for measuring voltage)</small>	SWITCHING XFMR	INDUCTORS <small>(Reactors/Chokes)</small>
Input Voltage(s) (incl. taps) OR Input Voltage range(s) (Input Impedance for Audio xfmr)	•	• (and turns or imp. ratio)		•	•	
Input / Operating Current (range & ratio)			•			•
Output Voltages(s) (incl. taps, Output Impedance for Audio xfmr)	•	•		•	•	
Output Amps(s) (incl. taps, Insertion Loss for Audio xfmr)	•			•	•	
Power – VA or Watts	•	•				
# Phases (including connection as applicable - Delta or Wye)	•			•		•
Frequency (ranges) (Freq Response for Audio xfmr)	•	•	•	•	•	•
Inductance (mH or uH)						•
Ripple Current & Frequency(ies)						•
Duty Cycle (on/off time or continuous duty)	•	•			•	•
Temperature Class or Ambient Operating Temperature	•	•	•	•	•	•
Dimensions / Size (Physical constraints)	•	•	•	•	•	•
Load Regulation (Distortion – Audio xfms only)	•					
Line Regulation (Ferro-resonant only)	•					
Ferro-resonant Resistor & Capacitor (Are they provided by user?)	• (if applicable)					
Rise Time & Pulse Width		•				
Overshoot & Undershoot		• (if needed)				
Phase Shift				•		
Linearity (over input range)				•		
Dielectric / Hipot	•	•	•	•	•	•
Accuracy Input - Output			•	•		
Burden (output load)			•	•		
Circuit Topology (Flyback, Full Bridge, Forward Converter)					•	
Regulatory? (CSA/UL or other as needed – additional cost)	•	•	•	•	•	•

*POWER TRANSFORMERS include Autotransformers, Ferro-Resonant/Constant Voltage, 3-phase, Isolating, Step-up, Step-down, Audio, etc.