

Input Voltage (VRMS) ($\pm 10\%$) See Table
 Frequency Range (KHz) See Table
 Output Power 400VA
 Regulation** 4.0 %
 Efficiency** 93%
 Temperature Class 130°C
 Ambient Temperature Range -40°C to +85°C
 Temperature Rise** 8°C

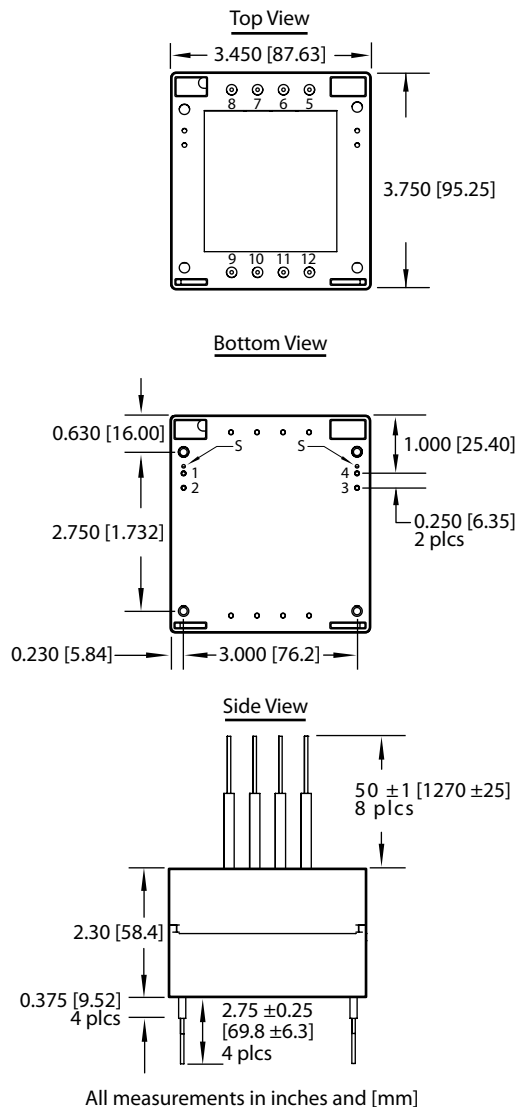
Primary Inductance (mH) Typical: See Table
 Coupling Capacitance (pF) Maximum See Table
 Leakage Inductance** (mH) Nominal See Table
 Dielectric Strength Tested: 45KVrms @60Hz.
 Primary and Shield to all Secondaries
 Partial Discharge (Corona) Tested: 13KVrms @60Hz.
 Primary and Shield to all Secondaries
 BIL Rating: 64KV
 **Approximate values (Contact us for defined limits)

Configuration Number	Schematic	Primary			Secondary	
		Input (Vrms)	Inductance (mH—Typ.)	Frequency Range KHz	Output (Vrms) @Arms	
					Secondary 1	Secondary 2
IS13000-36-18-18	1A/1B	36	0.60	10-50	18.0 @ 11.11	18.0 @ 11.11
IS13000-36-18-0	2A/2B				18.0 @ 22.22	
IS13000-36-18-0	3A/3B				18.0 @ 22.22	
IS13000-48-18-18	1A/1B	48	1.00		18.0 @ 11.11	18.0 @ 11.11
IS13000-48-18-0	2A/2B				18.0 @ 22.22	
IS13000-48-18-0	3A/3B				18.0 @ 22.22	
IS13000-100-18-18	1A/1B	100	4.20		18.0 @ 11.11	18.0 @ 11.11
IS13000-100-18-0	2A/2B				18.0 @ 22.22	
IS13000-100-18-0	3A/3B				18.0 @ 22.22	
IS13000-36-18-18	1A/1B	36	0.10	50-100	18.0 @ 11.11	18.0 @ 11.11
IS13000-36-18-0	2A/2B				18.0 @ 22.22	
IS13000-36-18-0	3A/3B				18.0 @ 22.22	
IS13000-48-18-18	1A/1B	48	0.18		18.0 @ 11.11	18.0 @ 11.11
IS13000-48-18-0	2A/2B				18.0 @ 22.22	
IS13000-48-18-0	3A/3B				18.0 @ 22.22	
IS13000-100-18-18	1A/1B	100	0.71		18.0 @ 11.11	18.0 @ 11.11
IS13000-100-18-0	2A/2B				18.0 @ 22.22	
IS13000-100-18-0	3A/3B				18.0 @ 22.22	
IS13000-36-18-18	1A/1B	36	0.05	100-250	18.0 @ 11.11	18.0 @ 11.11
IS13000-36-18-0	2A/2B				18.0 @ 22.22	
IS13000-36-18-0	3A/3B				18.0 @ 22.22	
IS13000-48-18-18	1A/1B	48	0.08		18.0 @ 11.11	18.0 @ 11.11
IS13000-48-18-0	2A/2B				18.0 @ 22.22	
IS13000-48-18-0	3A/3B				18.0 @ 22.22	
IS13000-100-18-18	1A/1B	100	0.18		18.0 @ 11.11	18.0 @ 11.11
IS13000-100-18-0	2A/2B				18.0 @ 22.22	
IS13000-100-18-0	3A/3B				18.0 @ 22.22	

SM13000 Parasitic Values

Frequency KHz	Voltage RMS	Leakage Inductance μ H (Typ.)	Capacitance pF (Typ.)
10 - 50	36	5	15
	48	5	15
	100	5	15
50 - 100	36	5	15
	48	5	15
	100	5	15
100 - 250	36	5	15
	48	5	15
	100	5	15

Dimensions



Schematics

