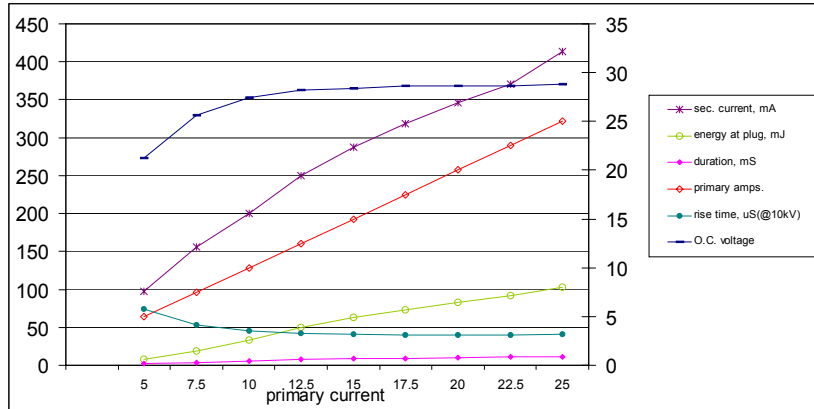


REVISIONS				
DATE	REV.	DESCRIPTION	DRAWN	APPROVED

Values based on 100 sample average.
 note: "energy at plug" indicates measured energy delivered to the plug terminal.
 "plug gap energy" indicates calculated energy remaining for the plug gap. Used BP8HS test gap plug.

dwll. mS	0.426	0.672	0.936	1.21	1.42	1.61	1.78	1.93	2.31
duration, mS	0.148	0.3	0.448	0.576	0.656	0.724	0.776	0.82	0.88
volt area, vS	0.2	0.2812	0.3608	0.4288	0.4716	0.5024	0.529	0.5552	0.5816
current area, uAS	5.31	19.5	41.144	67.104	87.928	105.08	121.27	134.86	156.24
sec. current, mA	97	156	200	250	288	318	346	370	414
primary amps.	5	7.5	10	12.5	15	17.5	20	22.5	25
rise time, uS(@10kV)	5.73	4.15	3.512	3.256	3.144	3.124	3.09	3.08	3.14
primary voltage	14	14	14	14	14	14	14	14	14
energy at plug, mJ	7.19	18.28	33.14	49.96	63.21	72.92	82.7	91.31	103.26
O.C. voltage	21.2	25.6	27.4	28.2	28.4	28.6	28.6	28.6	28.8
plug load, ohms	0	0	0	0	0	0	0	0	0
plug gap energy, mJ	7.19	18.278	33.136	49.955	63.212	72.9174	82.703	91.307	103.26

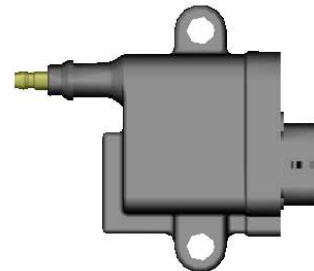
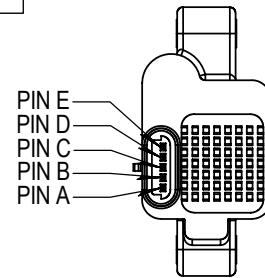


IGN-COIL-0001

		SYSTEM VOLTAGE								
		8	9	10	11	12	13	14	15	16
SPARK ENERGY	10	1.040	0.890	0.780	0.680	0.620	0.570	0.508	0.470	0.440
	19	1.490	1.270	1.100	0.970	0.860	0.790	0.708	0.650	0.604
	29	1.900	1.600	1.360	1.180	1.070	0.970	0.890	0.810	0.740
	38	2.390	2.000	1.650	1.460	1.300	1.180	1.060	0.960	0.904
	48	2.910	2.400	1.960	1.720	1.520	1.370	1.220	1.120	1.050
	57	2.000	2.000	2.000	2.020	1.760	1.600	1.420	1.290	1.230
	66	2.000	2.000	2.000	2.350	2.040	1.820	1.630	1.490	1.370
	76	2.000	2.000	2.000	2.800	2.290	2.030	1.800	1.630	1.520
	85	2.000	2.000	2.000	3.260	2.790	2.380	2.050	1.820	1.680

PHASE DELAY 0.020 ms

- PIN A EST HI
- PIN B EST LOW
- PIN C SECONDARY GROUND
- PIN D BATTERY NEG
- PIN E BATTERY POS



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±.06 ANGULAR: MACH ±.5° BEND ±.5° TWO PLACE DECIMAL ±.02 THREE PLACE DECIMAL ±.005	DRAWN	3-25-03	JMK	NAME	DATE	MotoTron Advanced Powertrian & Vehicle Systems	
	CHECKED	3-27-03	JMK	ENG APPR.	4-9-03		TITLE: IGNITION COIL- (1) POLE - SPEC.
	ENG APPR.	4-9-03	JMK	SUPPLIER/CUSTOMER			
MATERIAL	---	SPECIFICATION	XXX	ASSEMBLY			
FINISH	SEE NOTE	PROPRIETARY AND CONFIDENTIAL		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MOTOTRON. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MOTOTRON IS PROHIBITED.			
REFERENCE		SIZE REFERENCE	A	DWG. NO.	IGN-COIL-001	REV. 01	
		SCALE: 1:2	NO. INC. SCALE: 1:2	WEIGHT:		SHEET 2 OF 2	