Spark Industries leads the way in applications for low power, high voltage spark ignition transformers. Each transformer is made to exact customer specifications with multiple case designs and quick connect terminals to choose from. Our transformers are vacuum encapsulated in a heat resistant molded nylon case with high dielectric epoxy resin assuring excellent insulation properties as well as maintaining close lead location tolerances.

**LEADS**

#20 AWG gauge tinned base leads may be trimmed to any length 0.5 or less. Various types of high voltage terminals available.

**BODY CASE**

The shell housing is made of molded blue or black nylon.

**POLARITY**

Internal connections of windings are such that the first high-voltage output pulse will be positive when a charge capacitor with a positive terminal connected to P1 is discharged into the primary.

**SECONDARY OPEN CIRCUIT OUTPUT VOLTAGE**

Minimum output voltage shall be -14KV, +17KV into a 25 picofarad load when a 1.0MFD capacitor charged to 150KV is discharged through a SCR into primary. With a 1.5 MFD capacitor the minimum output voltage shall be -16KV, + 20KV

**ELECTRICAL PARAMETERS**

- Primary resistance: 43 milliOhms +/- 10%
- Primary inductance: 9.1 microHenries +/- 10%
- Secondary resistance: 850 Ohms +/- 10%
- Secondary inductance: 360 milliHenries +/- 10%