BAE709

Inductive ignition racing coil

Description

A high power inductive ignition coil with sub compact dimensions particularity suitable for static ignition of multi-cylinder engines.

The small dimensions allow direct mounting in the cylinder head thus eliminating the need for H.V. leads.

Main Features

- *Modular design*
- *Different plug position possible*
- *Different plug diameters possible*
- *Possibility to choose combinations between coil head and rubber part*

Benefits

- *Small dimensions*
- *Low weight*
- *Low cost*

Typical Applications

IndyCar
Formula 3
GT cars
Rally cars

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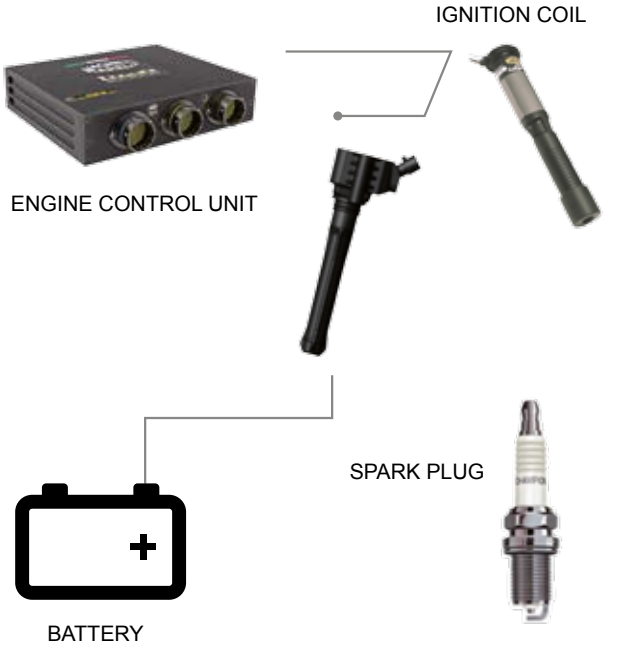
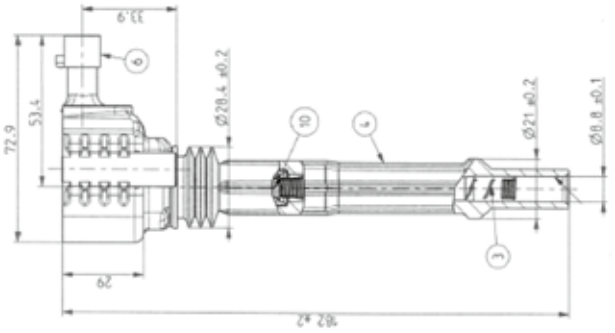
Technical Characteristics

Nominal supply voltage	6-16 V
Charge current	7.3 A
Dwell	2.6 - 3.2 ms
Rise time (2 – 15kV on 1 MΩ +25 pF load)	≤ 15 µs
Sec. Voltage (1 MΩ +25 pF load)	27 kV
Spark duration (Vzener = 800V)	≥ 2 ms
Spark current	60 - 120 mA
Combustion energy	≥ 70 mJ
Weight	240 g

Application Schematics



Dimensions



Dimensions in millimetres