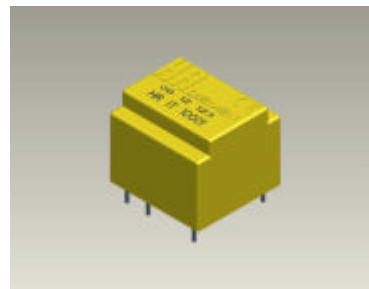


Transformers for ignition circuits, work via provided input voltaje (200Vdc - 250Vdc) allows to gives the voltaje output between (14KVpp-20KVpp) in secondary winding, to start up the ignition system of gas, oil or air. High releability due to our encapsulated in epoxy resin 94V -0 support humidity and agresive ambient conditions.

Aplications : Gas igniter, Oil Igniter, Air cleaner, Electronic ozonizer.

Safety : The manufacturer of the finished product must assure the protection for the risc of accidental touch of the transformer..

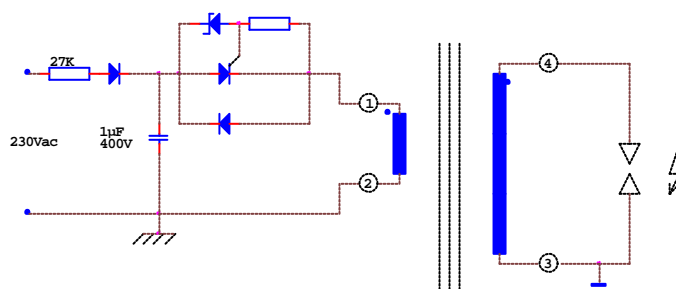
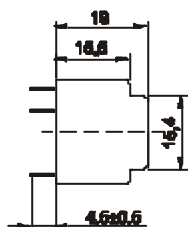
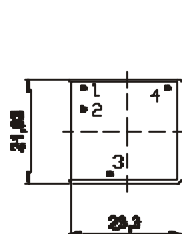


- Printed circuit board mounting
- Self-extinguishing body plastic UL94V-0
- Reduced dimensions
- Developed for continous mode operation
- Lead free conne ction pins

Technical specifications

Especifications	IT10001	IT10002	IT10003	IT10004
Primary Inductance	12 μ H	12 μ H	6 μ H	6 μ H
Primary Resistance	56 mW	56 mW	26 mW	26 mW
Turns ratio P / S	1 : 175	1 : 150	1 : 200	1 : 256
Secondary Inductance	320 mH	225 mH	235 mH	370 mH
Secondary Resistance	830 W	595 W	530 W	795 W
Spark Gap	4 – 8 mm	4 – 8 mm	4 – 8 mm	4 – 8 mm
Spark Frequency	5,5 Hz	5,5 Hz	5,5 Hz	5,5 Hz
Working conditions – Ambient Temperature from -20°C to +70°C				
Dimensions	(23,3x21,83x19) mm			
Weight	19 gr.			

Dimensions and Aplication circuit



Printed circuit board drawing



Aplication circuit

- Input voltage: 280Vdc – 320Vdc
- Control circuit:: Discrete or I.C. FLC 10.
- Spark Gap: 4 – 8mm
- Non load operation is not allowed.
- Assembling or working position not critical