

High Voltage Gas Ignition Coils

AIT103004 Series



Features:

Encapsulated Construction
 High Insulation (7kV /mm min)
 High Q Value
 Operating Temperature -30 to 120°C

Common Applications:

Gas and Boiler Ignition Systems
 Electronic Ozone systems
 H.I.D. Lamp Starter

Electrical Characteristics and Materials

Characteristics			Materials	
L primary (P3-P4)	15uh +/-15%	@1.0kHz	Core	Ferrite B29 6.25x16
L Secondary (P1-P2)	186mH +/-15%	@1.0kHz	Wire	UL File E143312
Withstand Voltage	3kV min		Epoxy	5630A & 5630B
DCR (P3-P4)	125mΩ	Max	Marking	AIT103004
DCR (P1-P2)	680Ω	Max	Date Code	WWYY
Ratio	1:120			
Test Frequency	1.0kHz @ 0.25V			
Operating Temp	-30 to +120 Deg C			
Breakdown Voltage	7kV / mm min			

