ELECTRICAL CHARACTERISTICS (T_A = 25°C Unless otherwise noted)

PARAMETER		MIN	TYP	MAX	UNITS	TEST CONDITION
Input	Forward Voltage (V_F)		1.2	1.5	V	I_F = 10mA
	Reverse Current (I_R)			10	µA	V_R = 4V
Output	Collector-emitter Breakdown (BV_{CEO})	80			V	I_C = 1mA (note 2)
	Emitter-collector Breakdown (BV_{ECO})	6			V	I_E = 100µA
	Collector-emitter Dark Current (I_{CEO})			1	µA	V_{CE} = 10V
Coupled	Output Collector Current (I_C)(Note 2) MOC8030 MOC8050	 30 50			 mA mA	 10mA I_F, 1.5V V_{CE} 10mA I_F, 1.5V V_{CE}
	Input to Output Isolation Voltage V_{ISO}	5300 7500			V_{RMS} V_{PK}	(note 1) (note 1)
	Input-output Isolation Resistance R_{ISO}		10^{11}		Ω	V_{IO} = 500V (note 1)
	Response Time (Rise), tr Response Time (Fall), tf		60 53		µs µs	V_{CE} = 2V, I_C = 10mA, R_L = 100Ω, fig.1

Note 1 Measured with input leads shorted together and output leads shorted together.
Note 2 Special Selections are available on request. Please consult the factory.

FIGURE1