

ELECTRICAL CHARACTERISTICS : [Tc = 25 °C unless otherwise noted]

Characteristic	Symbol	Min	Typ	Max	Unit
* Off Characteristics :					
Collector–Emitter Sustaining Voltage (1) [Ic =100 mAdc, IB = 0]	V _{CEO(sus)}	700			Vdc
Collector Cutoff Current [V _{CE} = 1500 Vdc, V _{BE} = 0]	I _{CES}			1	mAdc
Emitter Base Voltage [I _E = 10mA, Ic = 0]	BV _{EBO}	5			Vdc
* On Characteristics (1):					
DC Current Gain [Ic = 2.0 Adc , V _{CE} = 4.0 Vdc]	h _{FE}	2.25			
Collector-Emitter Saturation Voltage [Ic = 2.0 Adc , IB = 1Adc)	V _{CE(sat)}			5	Vdc
Base-Emitter Saturation Voltage [Ic = 2.0 Adc , IB = 1Adc]	V _{BE(sat)}			1.5	Vdc
Dynamic Characteristics :					
Current Gain – Bandwidth Product [Ic = 0.1Adc, V _{CE} =5 Vdc, ftest=1.0 MHz]	f _T	---	4	--	MHz
Output Capacitance (VCB=10Vdc,IE=0,f=1MHz)	C _{OB}	--	50	--	pF
SWITCHING CHARACTERISTICS					
Fall Time (Ic=2Adc,IB1=1Adc,LB=25⊛H)	tf	---	0.65	---	⊛s

(1) Pulse Test : Pulse Width =5ms , Duty Cycle < 10.0%