

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 Cutoff Current [V _{EB} = 5Vdc, Ic = 0] | I _{EBO} | | | 300 | mAdc |
| * On Characteristics (1): | | | | | |
| Diode Forward Voltage (IF=4A) | V _F | | | 2 | Vdc |
| Collector-Emitter Saturation Voltage [Ic = 4.5 Adc , IB = 2Adc) | V _{CE(sat)} | | | 1 | Vdc |
| Base-Emitter Saturation Voltage [Ic = 4.5 Adc , IB = 2Adc] | V _{BE(sat)} | | | 1.5 | Vdc |
| SWITCHING CHARACTERISTICS | | | | | |
| Fall Time (IC(end)=4.5Adc,VCC=140Vdc, IB(end)=1.8A,LC=0.9mH,LB=10H) | tf | --- | 0.6 | --- | μs |

(1) Pulse Test : Pulse Width =300μs , Duty Cycle < 3.0%