

Applications

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V
V
V
V
A
A
A
A
A
W
W
°C
°C
g
V
N

Item	Symbol	Min	Typ	Max	Units
$I_c = 1A$	V_{CBO}	600			V
I	V_{CEO}	600			V
	$V_{CEO(SUS)} \quad C = 1\mu F$	450			V
	$V_{CEX(SUS)} \quad I_c = 50A, V_{EB} = 5V, C_E = 5\mu F, B = 1A, I_B = 5A$	500			V
	$V_{EBO} \quad I_{EB} = 20mA$	6			V
	$I_{CBO} \quad V_{CB} = 5V$			1.0	mA
	$I_{EBO} \quad V_{EB} = 5V$			200	mA
	$-V_{CE} \quad I_c = 50A$			1.5	V
	$h_{FE} \quad I_c = 50A, V_{CE} = 5V$	100			-
	$V_{CE(Sat)} \quad I_c = 50A, I_B = 1A$			2.0	V
	$V_{BE(Sat)}$			2.5	V
	$t_{on} \quad I_c = 50A, P_w = 50W, I_B = 1A, B = 1A$			3.0	μs
	t_{stg}			12.0	μs
	$t_f \quad R_L = 6\Omega, \text{Duty } 2\%$			4.0	μs
	$t_{rr} \quad -I_c = 50A, V_{BE} = -6V, -di/dt = 50A/\mu s$			0.6	

04 °CW
13 °CW
°CW

With Thermal Compound

