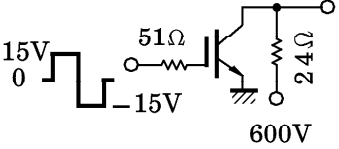


ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC		SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Gate Leakage Current		IGES	VGE = ±20V, VCE = 0	—	—	±500	nA
Collector Cut-off Current		ICES	VCE = 1200V, VGE = 0	—	—	1.0	mA
Collector-Emitter Voltage		VCES	IC ≤ 1mA, VGE = 0 Note 1	1200	—	—	V
Gate-Emitter Cut-off Voltage		VGE(OFF)	IC = 25mA, VCE = 5V	3.0	—	6.0	V
Collector-Emitter Saturation Voltage		VCE(sat)	IC = 25A, VGE = 15V	—	2.3	2.7	V
Input Capacitance		Cies	VCE = 10V, VGE = 0, f = 1MHz	—	3000	—	pF
Switching Time	Rise Time	tr		—	0.3	0.6	μs
	Turn-on Time	ton		—	0.4	0.8	
	Fall Time	tf		—	0.6	1.0	
	Turn-off Time	toff		—	1.2	1.8	
Thermal Resistance		Rth(j-c)	—	—	—	0.83	°C/W

Note 1 : Do not apply the over rating voltage.

