



SIGC12T120LE

SWITCHING CHARACTERISTICS inductive load (not subject to production test - verified by design / characterization)

Parameter	Symbol	Conditions ¹⁾	Value			Unit
			min.	typ.	max.	
Turn-on delay time	$t_{d(on)}$	$T_j=125^{\circ}\text{C}$ $V_{CC}=600\text{V},$ $I_C=8\text{A},$ $V_{GE}=0/15\text{V},$ $R_G=81\Omega$		40		μs
Rise time	t_r			26		
Turn-off delay time	$t_{d(off)}$			570		
Fall time	t_f			140		

¹⁾ values also influenced by parasitic L- and C- in measurement and package.

CHIP DRAWING

