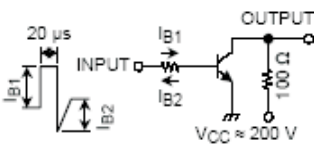


2SC5355

■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Testconditions	Min	Typ	Max	Unit
Collector cut-off current	I_{CBO}	$V_{CB} = 480\text{ V}, I_E = 0$			100	μA
Emitter cut-off current	I_{EBO}	$V_{EB} = 7\text{ V}, I_C = 0$			10	μA
Collector-base breakdown voltage	$V_{(BR)CBO}$	$I_C = 1\text{ mA}, I_E = 0$	600			V
Collector-emitter breakdown voltage	$V_{(BR)CEO}$	$I_C = 10\text{ mA}, I_B = 0$	400			V
DC current gain	h_{FE}	$V_{CE} = 5\text{ V}, I_C = 1\text{ mA}$	12			
		$V_{CE} = 5\text{ V}, I_C = 0.5\text{ A}$	20		65	
Collector-emitter saturation voltage	$V_{CE(sat)}$	$I_C = 2\text{ A}, I_B = 0.25\text{ A}$			1.0	V
Base-emitter saturation voltage	$V_{BE(sat)}$	$I_C = 2\text{ A}, I_B = 0.25\text{ A}$			1.3	V
Switching time Rise time	t_r	 <p>$I_{B1} = 0.25\text{ A}, I_{B2} = -0.5\text{ A}$ DUTY CYCLE $\leq 1\%$</p>			0.5	μs
Switching time Storage time	t_{stg}				2.0	
Switching time Fall time	t_f				0.3	

■ Marking

Marking	C5355
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