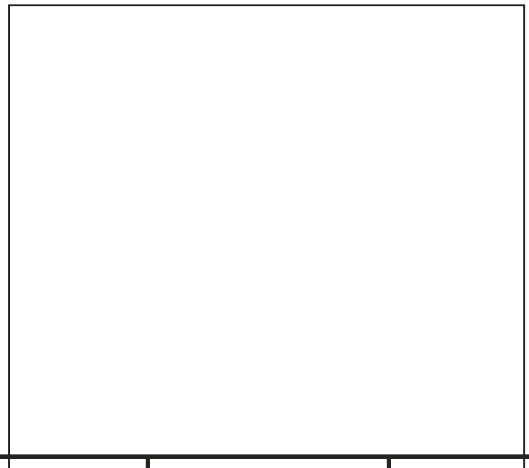


2SC2383



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Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector- base breakdown voltage	V _{CBO}	I _c = 100 A I _E = 0	160			
Collector- emitter breakdown voltage	V _{CEO}	I _c = 10 mA I _B = 0	160			V
Emitter - base breakdown voltage	V _{EBO}	I _E = 100Ç A I _c = 0	6			
Collector-base cut-off current	I _{CBO}	V _{CB} = 150 V , I _E = 0			1	uA
Emitter cut-off current	I _{EBO}	V _{EB} = 6V , I _c =0			1	
Collector-emitter saturation voltage	V _{CE(sat)}	I _c =500 mA, I _B =50mA			1	
Base - emitter saturation voltage	V _{BE(sat)}	I _c = 500 mA, I _B = 50mA			1.2	V
Base - emitter voltage	V _{BE}	V _{CE} = 5V, I _c = 5mA	0.45		0.75	
DC current gain	h _{FE}	V _{CE} = 6V, I _c = 200mA	100		320	
Collector output capacitance	C _{ob}	V _{CB} = 10V, I _E = 0, f=1MHz			20	pF
Transition frequency	f _t	V _{CE} = 5V, I _c = 200mA	20			MHz

