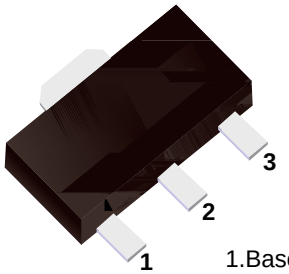
Plastic-Encapsulate Transistors

TRANSISTOR (NPN)



1.Base
2.Collector
3.Emitter

SOT-89

FEATURES

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Absolute Maximum Rating (Ta=25)

Parameter	Symbols	Value	Units
	V_{CBO}		V
	V_{CEO}		V
	V_{EBO}		V
	I_C		A
	I_B		A
	P_C		mW
	$*P_C$		W
	T_J		°C
	T_{STG}	-55 150	°C

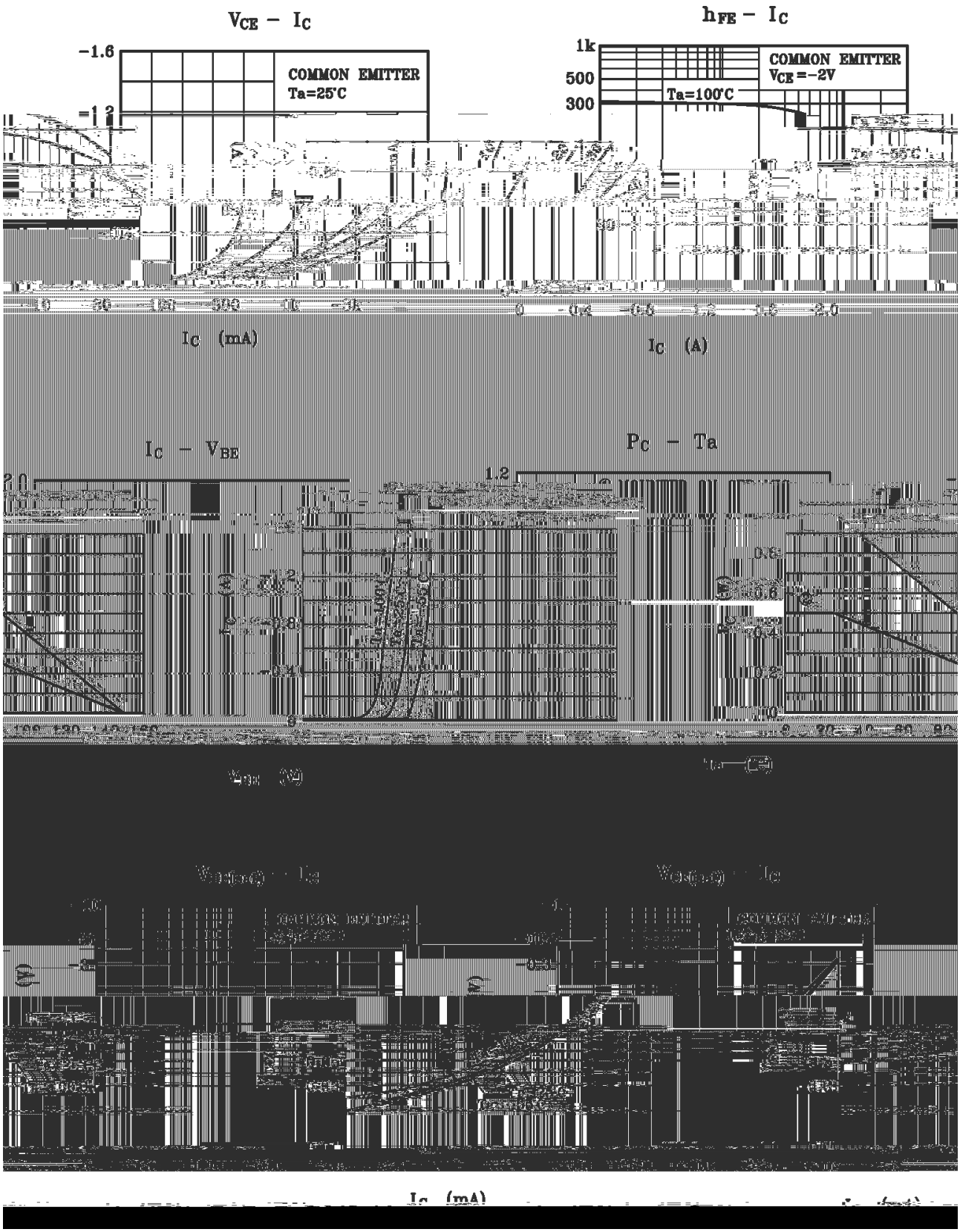
Electrical Characteristics(Ta=25)

Characteristics	Test Condition	Symbols	Min	Typ	Max	Units
		I_{CBO}				μA
		I_{EBO}				μA
		V_{CEO}				V
		$h_{FE(1)}$				
		$h_{FE(2)}$				
		$V_{CE(sat)}$				V
		$V_{BE(sat)}$				V
		f_T				MHz
		C_{ob}				pF
		t_{on}				μS
		t_{stg}				μS
		t_f				μS

h_{FE} Classification

Classification	2SC2873-O	2SC2873-Y
Range		
Marking		

Electrical Characteristic Curve



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