

# 2SA1488/1488A

シリコンPNPエピタキシャルプレーナ型トランジスタ (2SC3851/3851Aとコンプリメンタリ)

用途：オーディオ、一般用

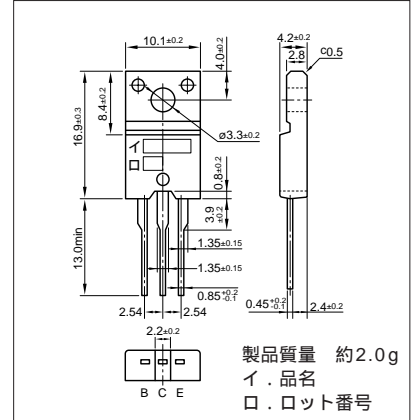
絶対最大定格 (Ta = 25 )

電気的特性 (Ta = 25 )

外形図 FM20(TO220F)

記号	規格値		単位
	2SA1488	2SA1488A	
VcBO	- 60	- 80	V
VcEO	- 60	- 80	V
VEBO	- 6		V
Ic	- 4		A
Ib	- 1		A
Pc	25(Tc = 25 )		W
Tj	150		
Tstg	- 55 ~ + 150		

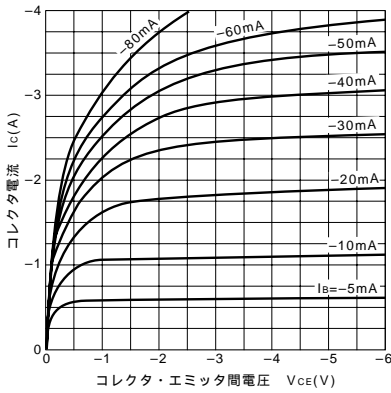
記号	試験条件	規格値		単位
		2SA1488	2SA1488A	
IcBO	VcB =	- 100max	- 100max	μA
IEBO	VEB = - 6V	- 60	- 80	V
IEBO		- 100max		μA
V(BR)CEO	Ic = - 25mA	- 60min	- 80min	V
hFE	VCE = - 4V, Ic = - 1A	40min		
VCE(sat)	Ic = - 2A, Ib = - 0.2A	- 0.5max		V
fr	VCE = - 12V, IE = 0.2A	15typ		MHz
COB	VcB = - 10V, f = 1MHz	90typ		pF



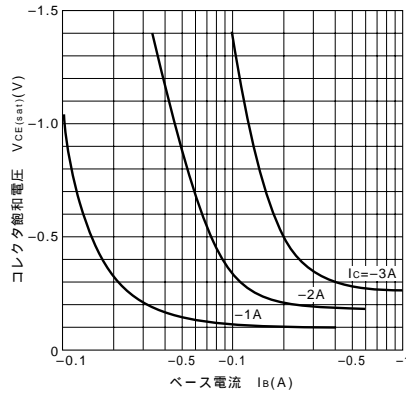
代表的スイッチング特性 (エミッタ接地)

VCC (V)	RL (Ω)	Ic (A)	VBB1 (V)	VBB2 (V)	Ib1 (mA)	Ib2 (mA)	ton (μs)	tstg (μs)	tf (μs)
-12	6	-2	-10	5	-200	200	0.25typ	0.75typ	0.25typ

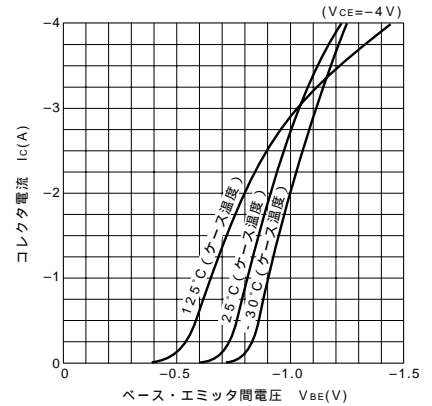
Ic-VCE特性 (代表例)



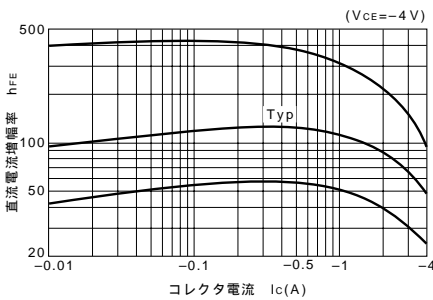
VCE(sat)-Ib特性 (代表例)



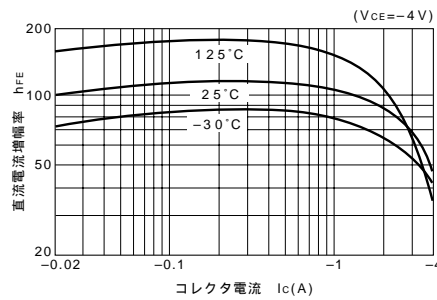
Ic-VBE温度特性 (代表例)



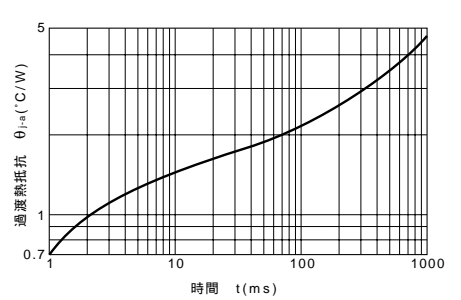
hFE-Ic特性 (代表例)



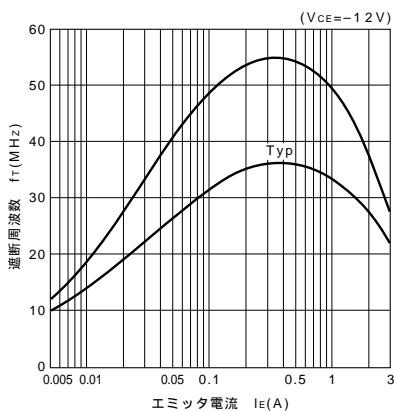
hFE-Ic温度特性 (代表例)



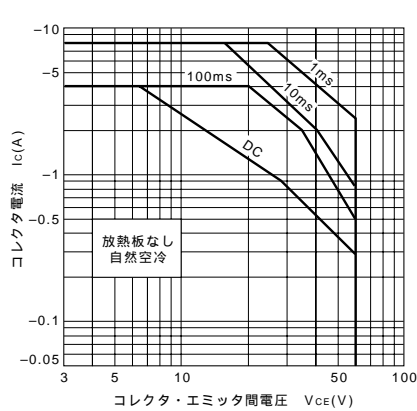
θj-a-t特性



fT-IE特性 (代表例)



ASO曲線 (単発パルス)



Pc-Ta定格

