2SC1360(A)

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

TO-92LM NPN Silicon NPN transistor in a TO-92LM Plastic Package.

/ Features

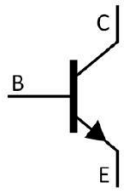
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High f_T, large P_C..

/ Applications

Picture IF amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

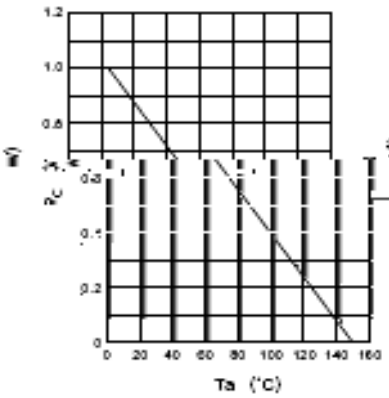
See Marking Instructions.

Parameter	Symbol		Rating	Unit
Collector to Base Voltage	V_{CBO}	2SC1360	50	V
		2SC1360A	60	
Collector to Emitter Voltage	V_{CEO}	2SC1360	45	V
		2SC1360A	60	
Emitter to Base Voltage	V_{EBO}		4.0	V
Collector Current - Continuous	I_C		50	mA
Collector Power Dissipation	P_C		1.0	W
Junction Temperature	T_j		150	
Storage Temperature Range	T_{stg}		-55 150	

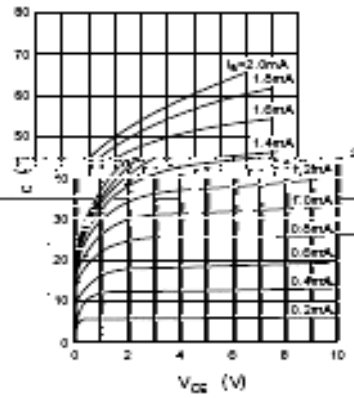
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO} 2SC1360	I_C=-10μA I_E=0	50		=0	

/ Electrical Characteristic Curve

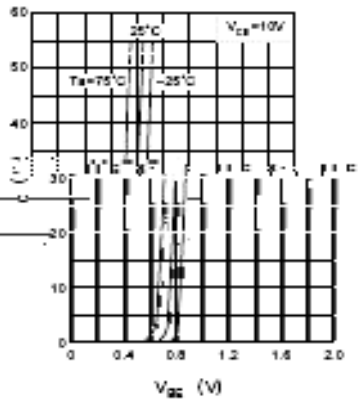
P_C — Ta



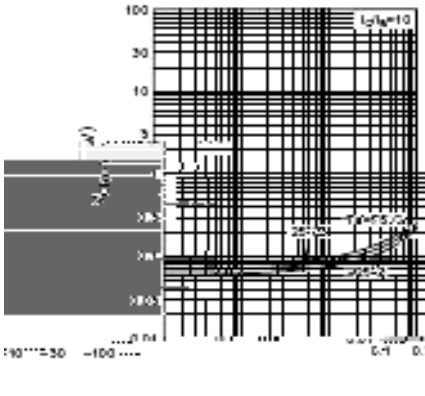
I_C — V_{CE}



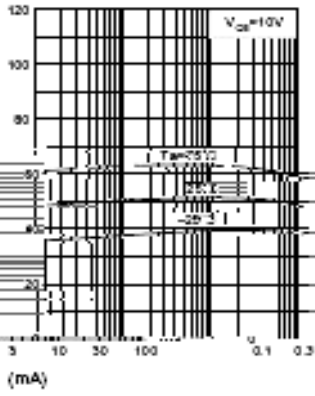
I_C — V_{BE}



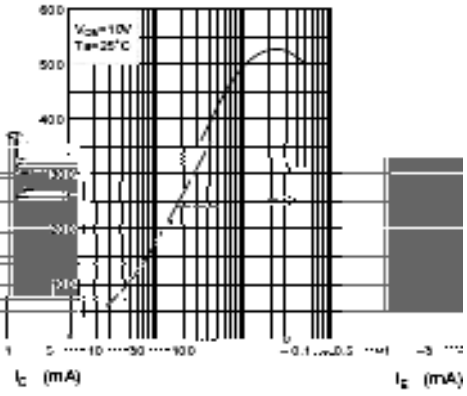
$V_{CE(sat)}$ — I_C



h_{FE} — I_C

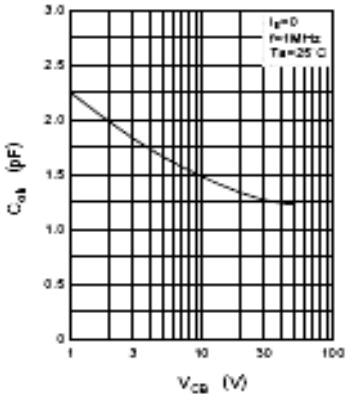


f_T — I_E

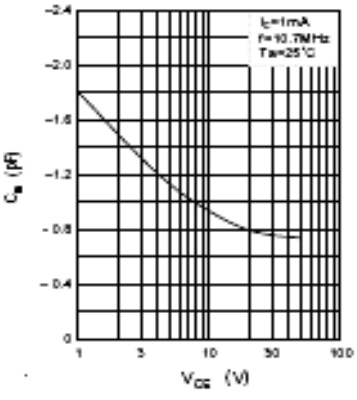




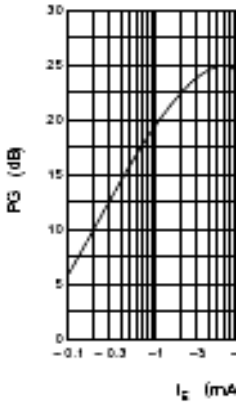
C_{ob} — V_{CB}



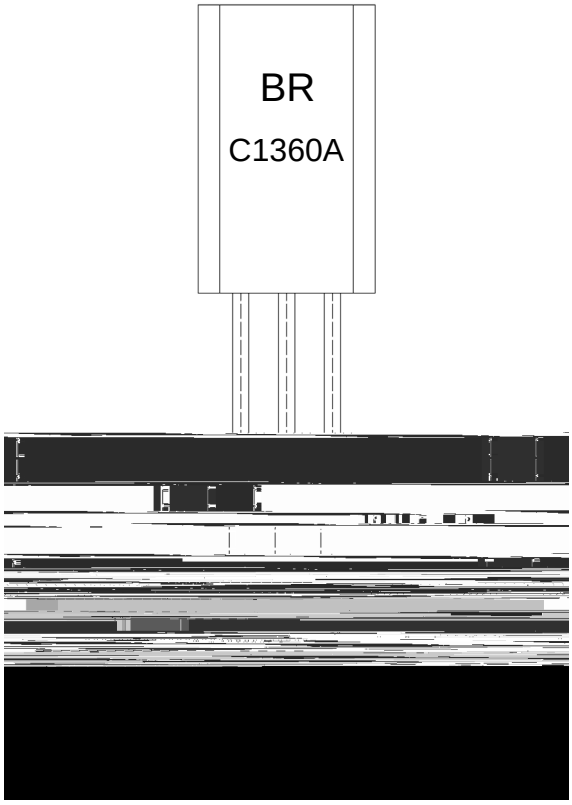
C_{re} — V_{CE}



PG — I_E



/ Marking Instructions



BR:

C1360A

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Note:

BR:	Company Code.
C1360A:	Product Type.
****:	Lot No. Code,code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



					Note:
1	25	150	60	90sec;	1.Preheating:25~150 , Time:60~90sec.
2	255±5			5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units	Dimension (mm)
塑封袋	盒	袋