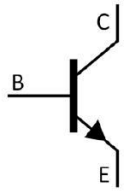
VRW056 QSQ Silicon NPN transistor in a SOT-23 Plastic Package.

/

High voltage, excellent h_{FE} linearity.

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General power amplifier application and low speed switching.

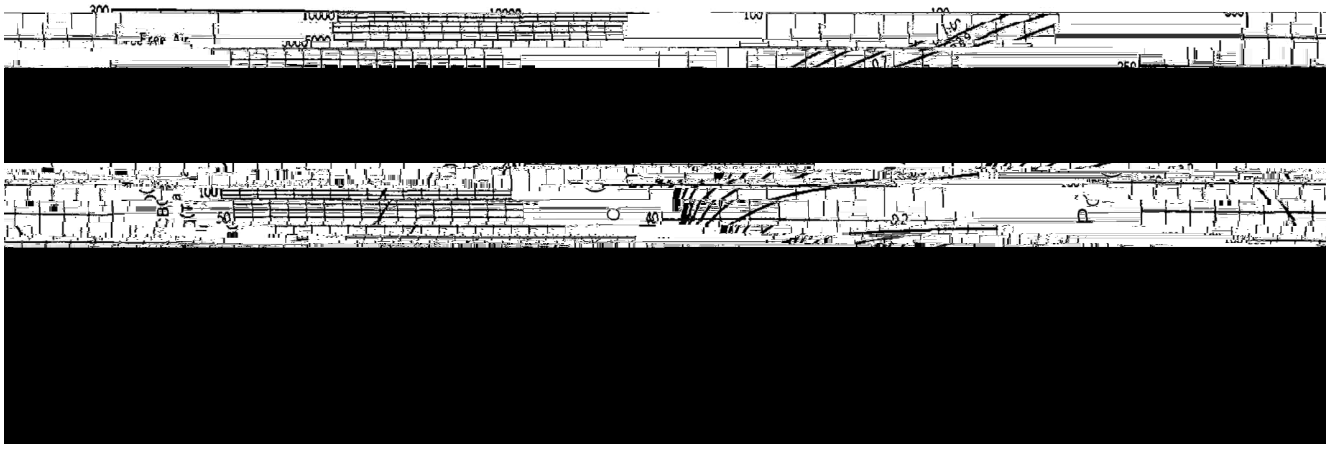




PIN1 Base PIN 2 Emitter PIN 3 Collector

h_{FE} Classifications Symbol	R	Q	P	K
h_{FE} Range	90 180	135 270	200 400	300 600
Marking	HCRR	HCRQ	HCRP	HCRK

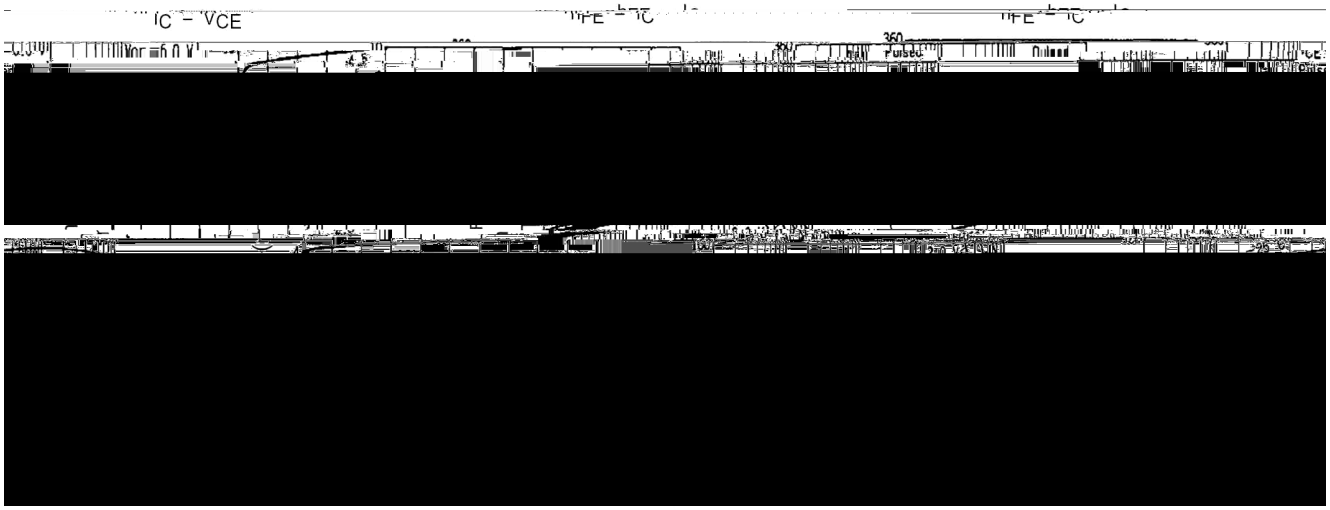
P_C – Ta



I_{CBO} – Ta

I_C – V_{CE}

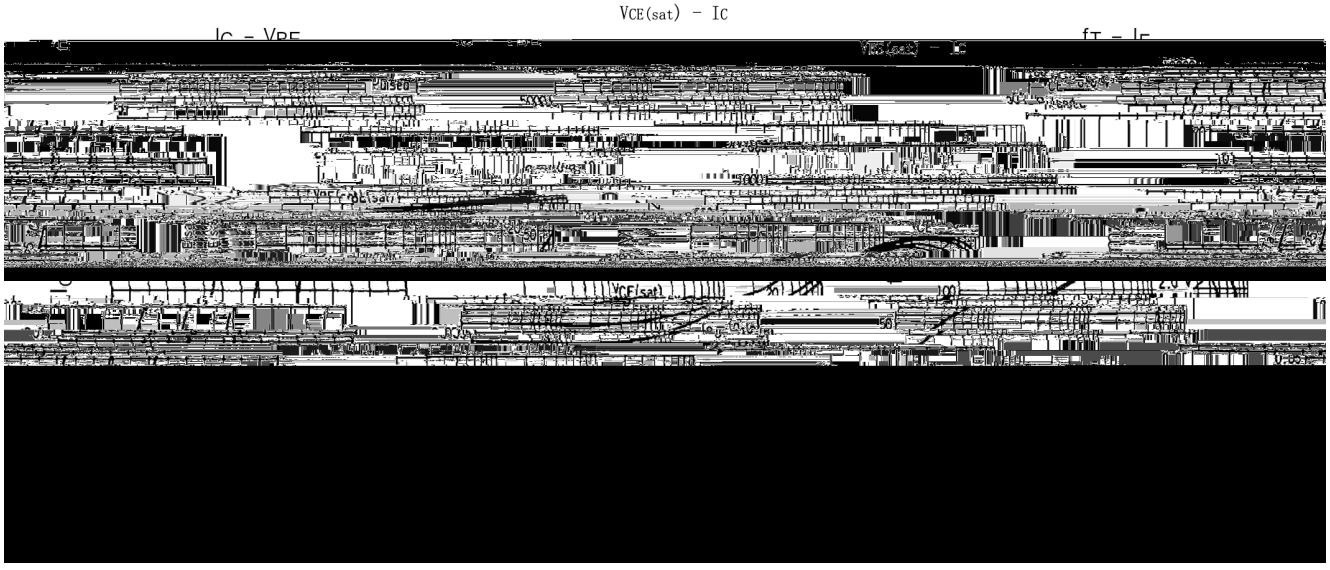
I_C – V_{CE}



h_{FE} – I_C

h_{FE} – I_C

I_C – V_{BE}

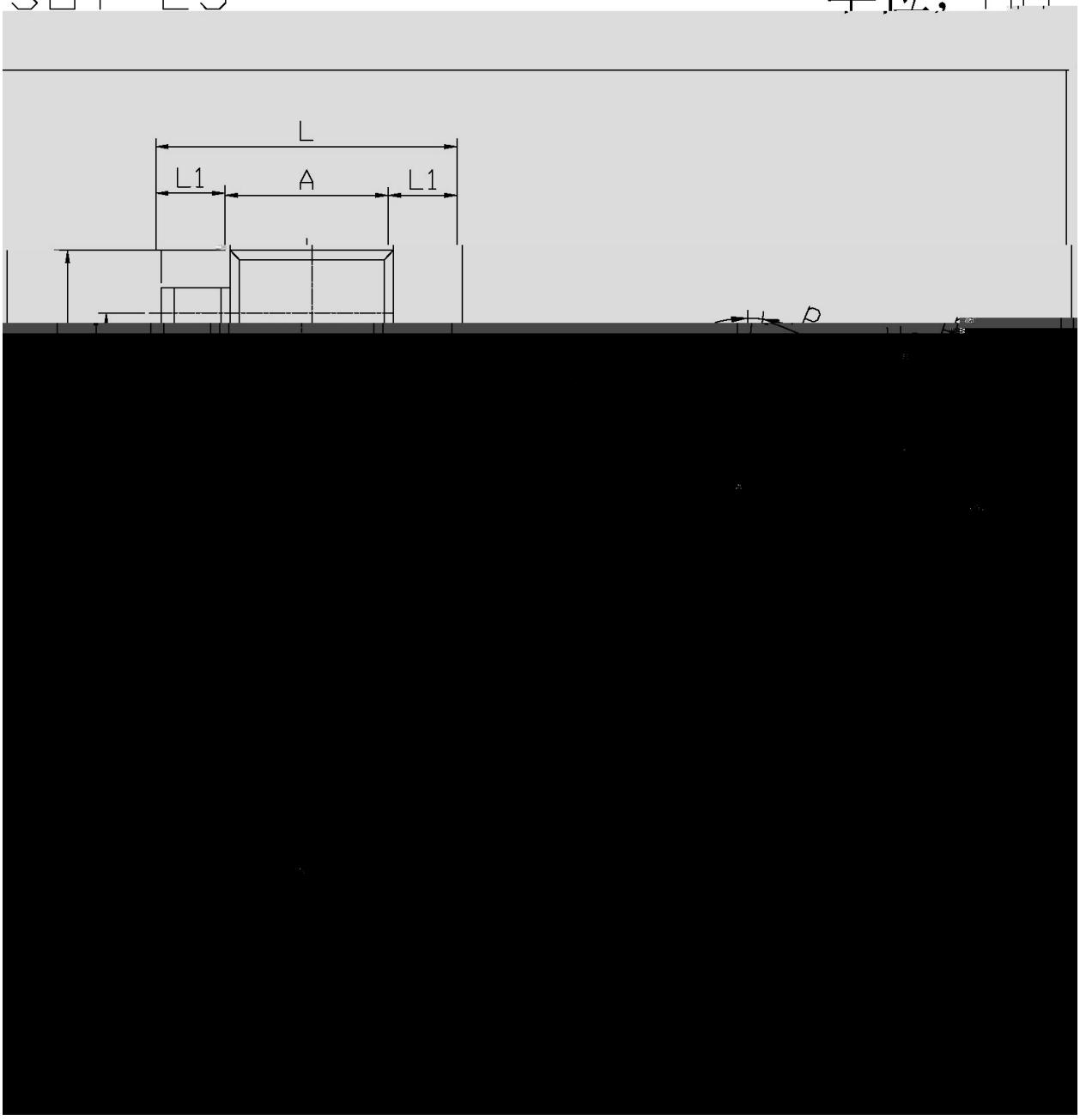


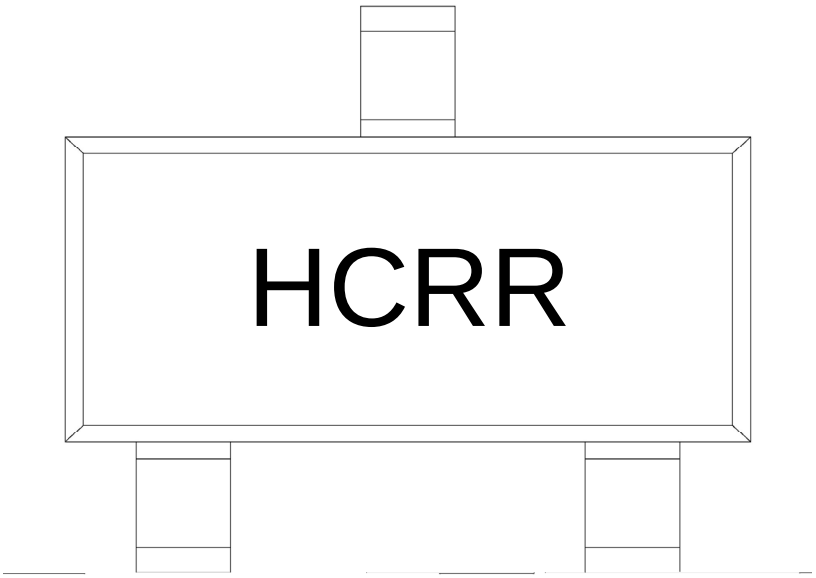
$V_{CE(sat)}$ – I_C

f_T – I_E

SOT-23

单位：mm





H И

CU N

U h_{IH}

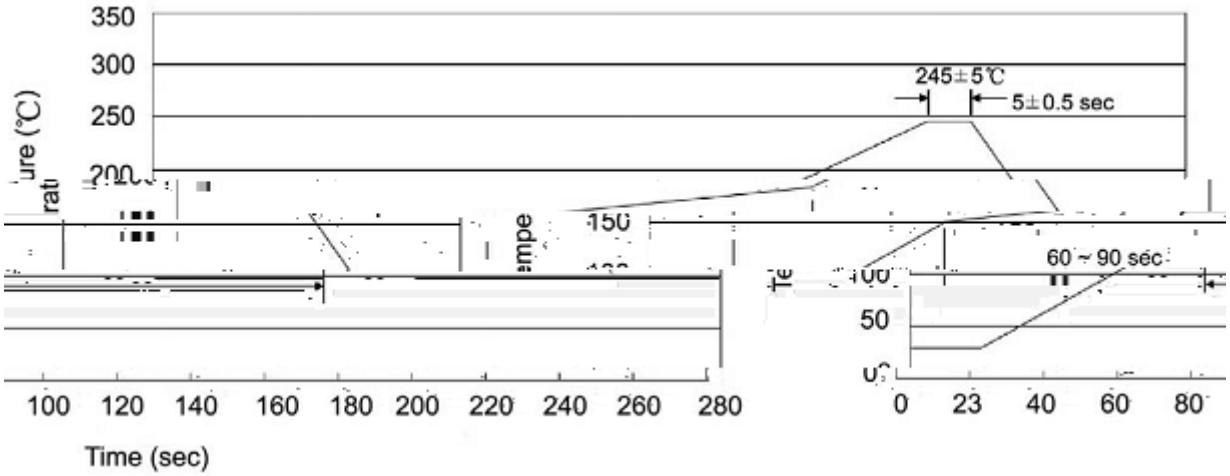
Note:

H: Company Code.

CR: Product Type Code.

R: h_{FE} Classifications Symbol Code.

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

1 25 150 60 90sec;

1.Preheating:25~150 , Time:60~90sec.

2 245±5 5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.

3 2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260±5 10±1 sec.

Temp.:260±5 Time:10±1 sec

/ REEL

Package Type	Units					Dimension		(unit mm^3)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205