/ Descriptions

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

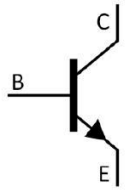
/ Features

Low noise, high gain.

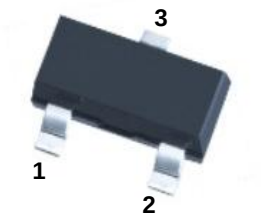
/ Applications

High frequency amplifier applications.

/ Equivalent Circuit



/ Pinning

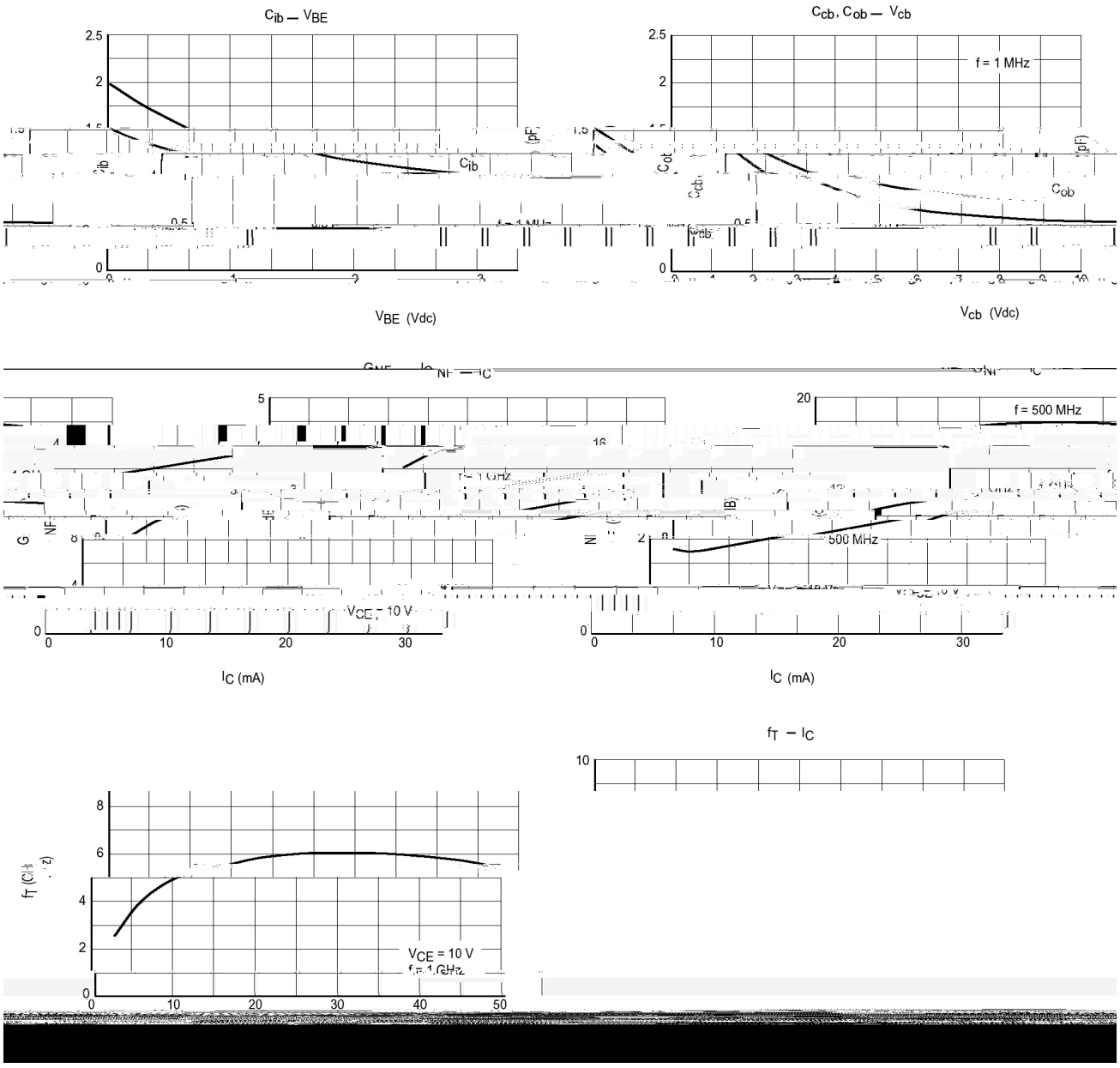


PIN 1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

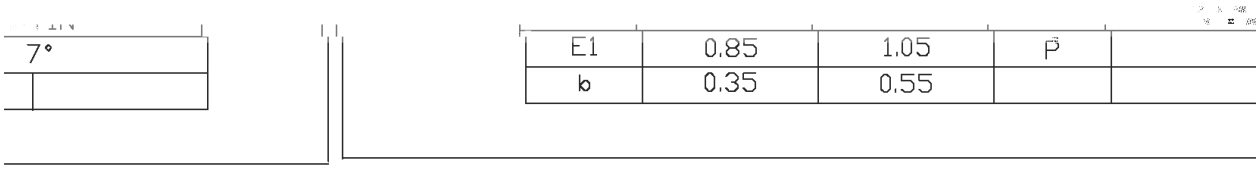
h_{FE} Range	30 300
Marking	HR2P

/ Electrical Characteristic Curve



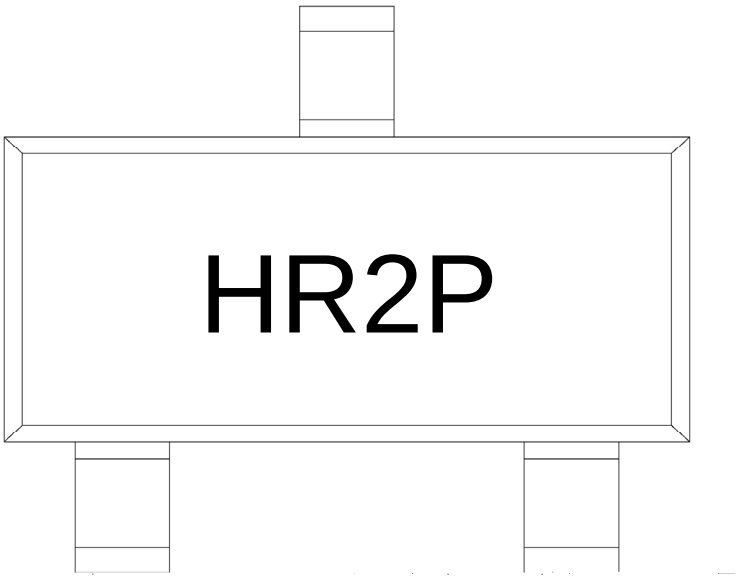
/ Package Dimensions





E1	0.85	1.05	P	
b	0.35	0.55		

/ Marking Instructions



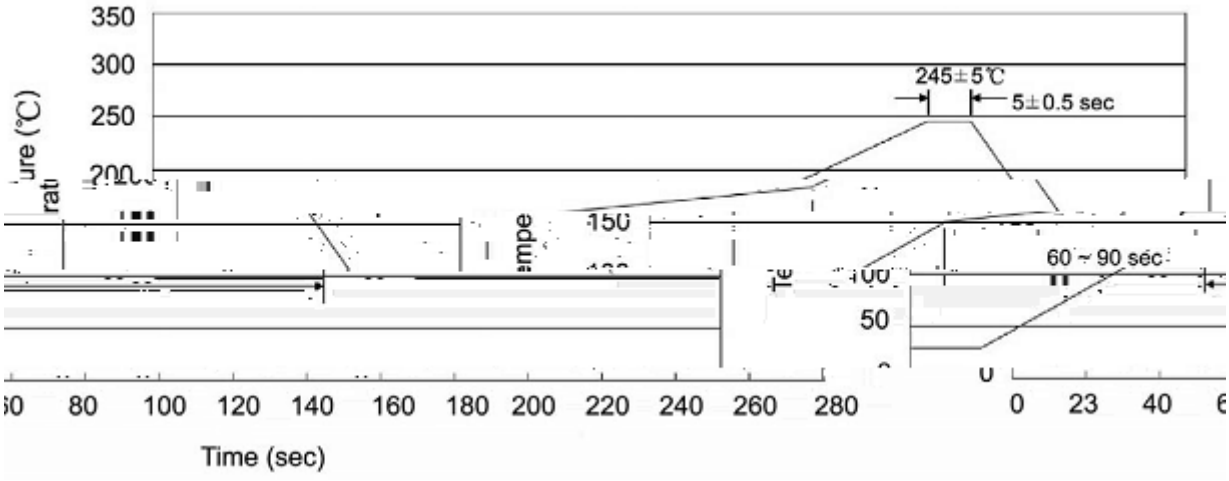
H

R2P

Note:

H	Company Code
R2P	Product Type

( ) / 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.

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec

/ Packaging SPEC.

/ 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

/ Notices