/ Descriptions

TO-252 NPN Silicon NPN transistor in a TO-252 Plastic Package.

/ Features

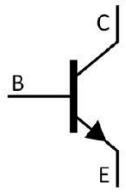
, KTA1040D

Low $V_{CE(sat)}$,complementary to KTA1040D.

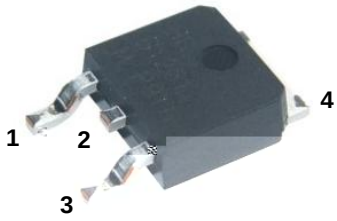
/ Applications

General purpose amplifier for surface mount applications.

/ Equivalent Circuit



/ Pinning

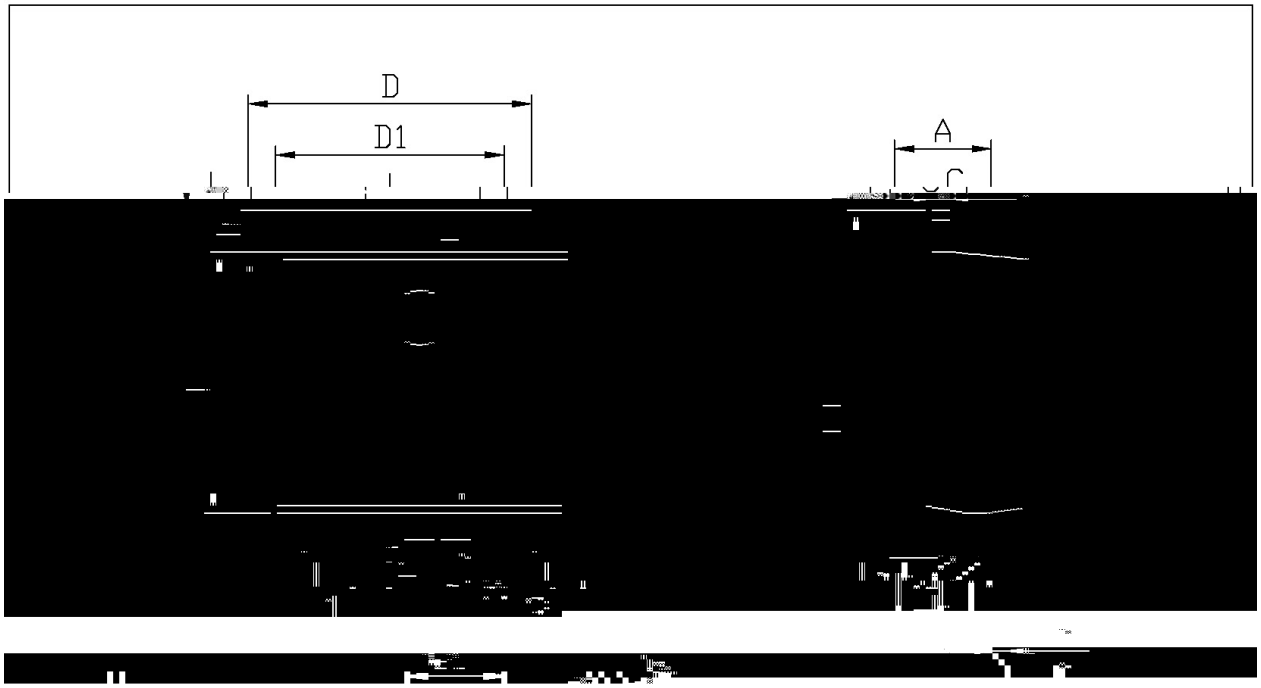


PIN1 Base PIN 2,4 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	Y	GR
h_{FE} Range	100 200	150 300

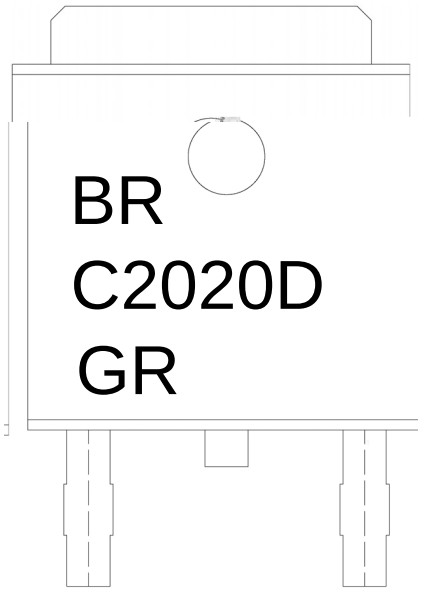
/ Package Dimensions



0.90				
0.10	D1	5.10	5.50	K	0.00



/ Marking Instructions



BR

C2020D

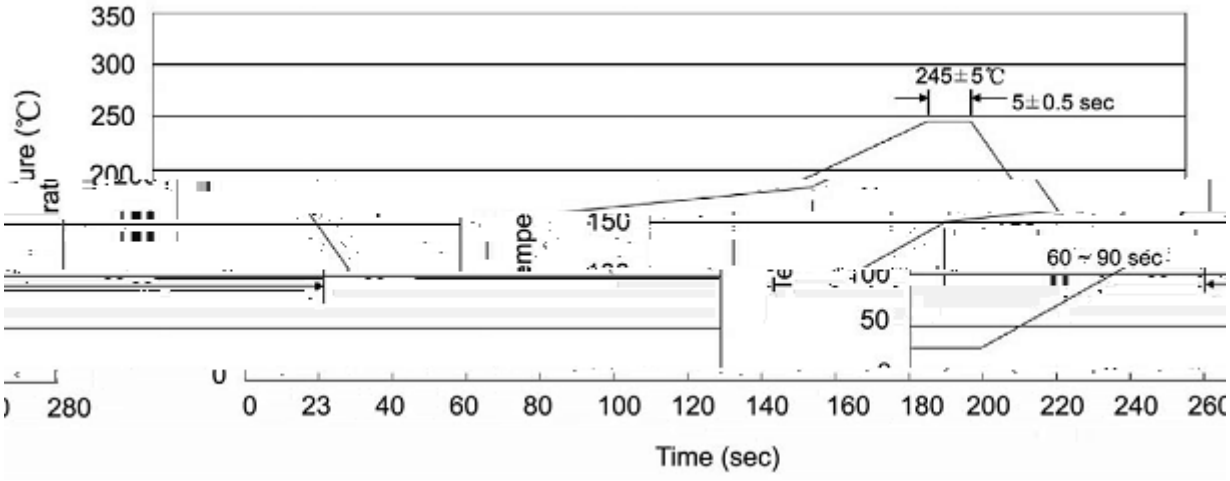
GR h_{FE}

****

Note:

BR:	Company Code
C2020D:	Product Type.
GR:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.

( ) / 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)

/ TUBE

Package Type	Units					Dimension		(unit mm3)

/ Notices