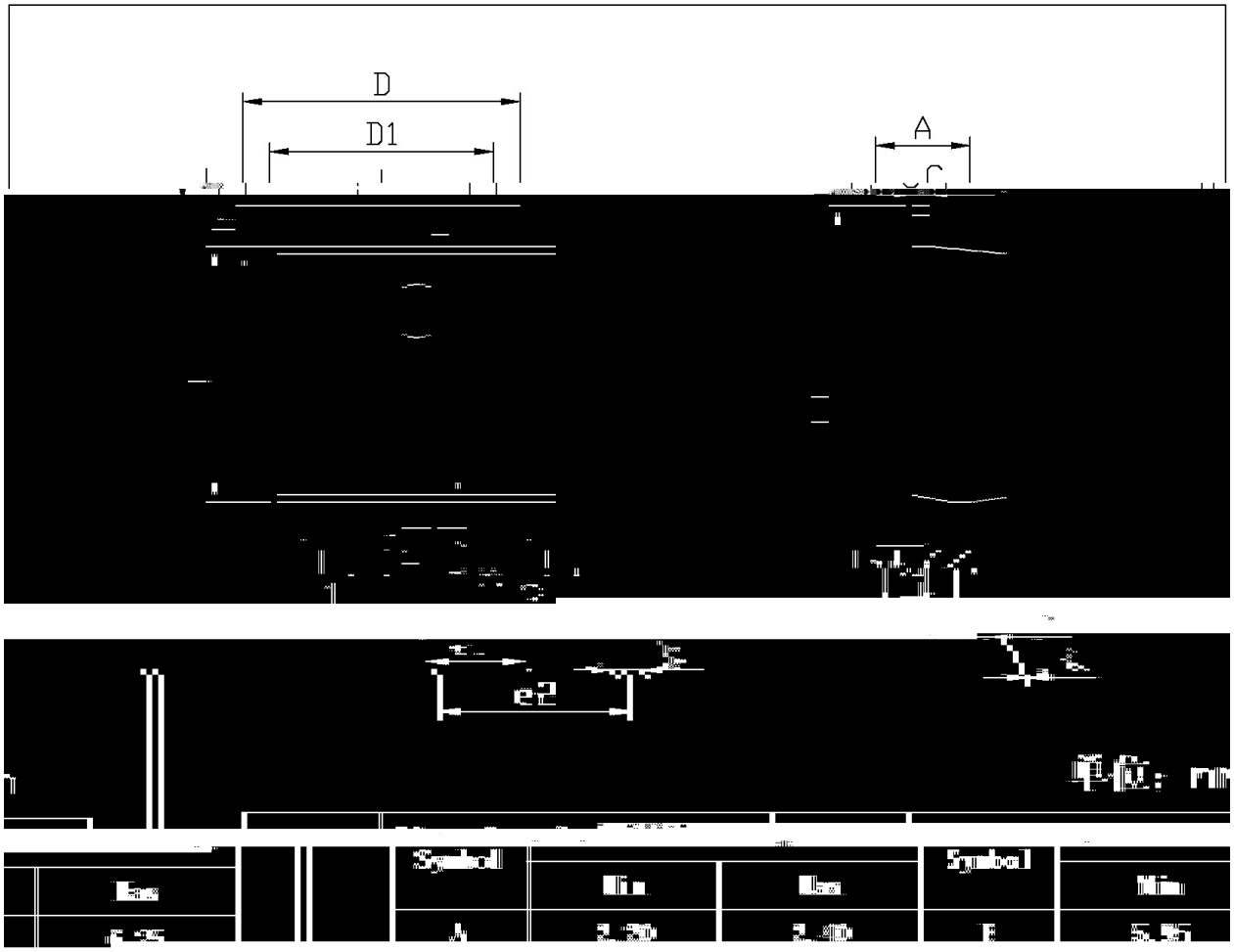
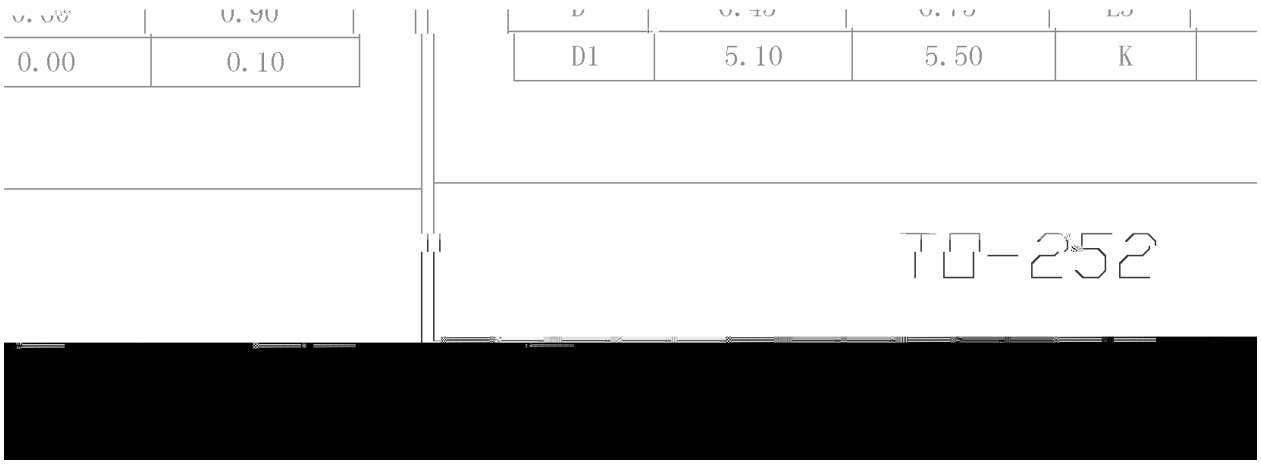
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-6.0	V
Collector Current - Continuous	I_C	-8.0	A
Collector Current – Continuous(Pulse)	I_{CP}	-12	A
Collector Power Dissipation	P_C(Tc=25)	1.0	W
Junction Temperature	T_j	20	W
Storage Temperature Range	T_{stg}	150	

2SB1204

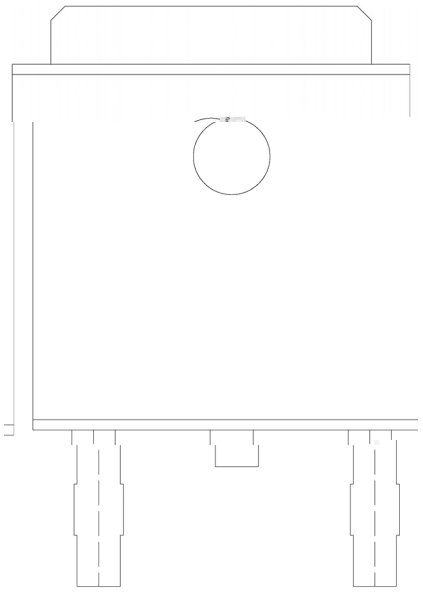
/ Package Dimensions



0.00	0.10	D1	5.10	5.50	K



/ Marking Instructions



BR

B1204

Q: h_{FE}

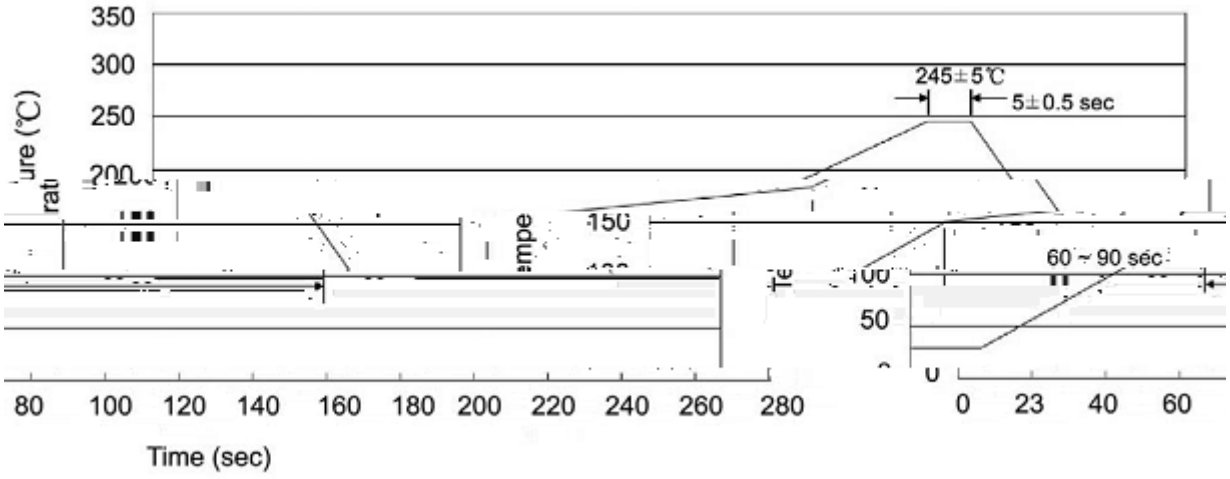
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Note:

BR: Company Code

B1204:

( ) / 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)