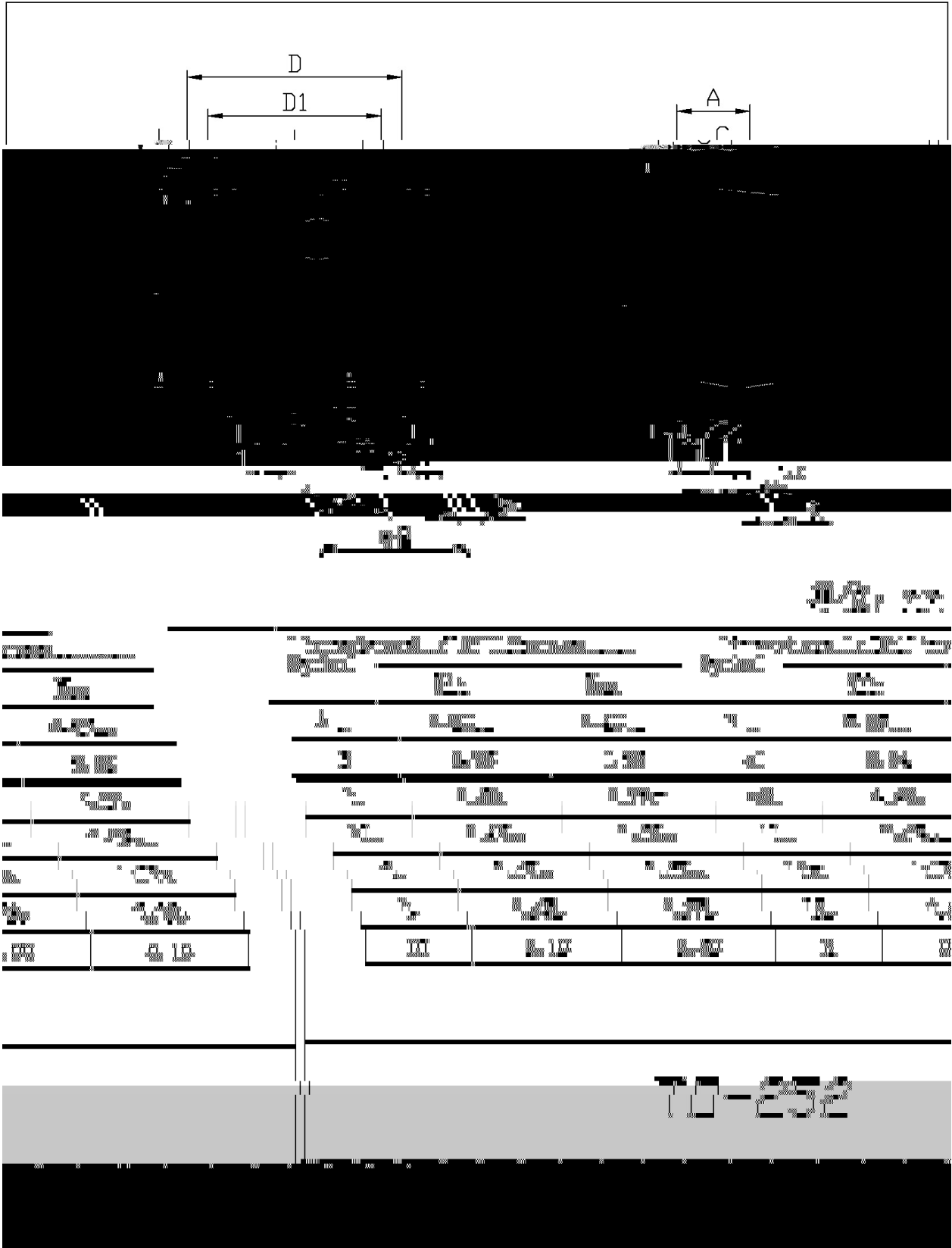


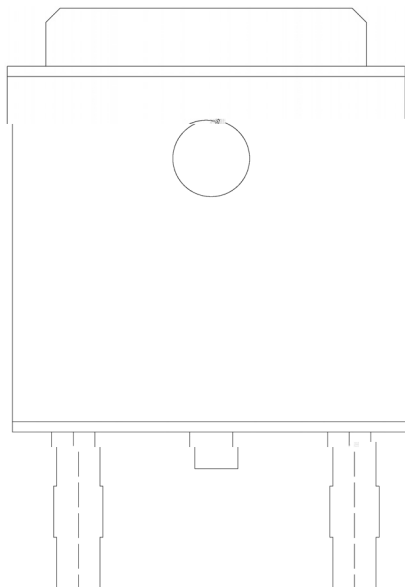
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-6.0	V
Collector Current - Continuous	I_C	-8.0	A
Collector Current – Continuous(Pulse)	I_{CP}	-12	A
Collector Power Dissipation	$P_C(T_C=25 \text{ }^\circ\text{C})$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

2SB1204

/ Package Dimensions



/ Marking Instructions



BR

B1204

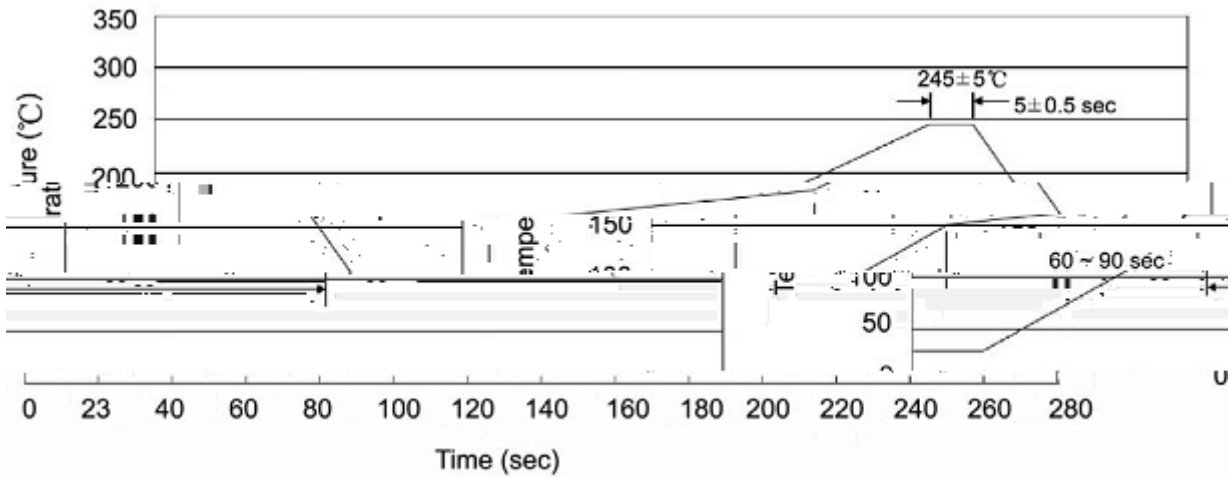
Q: h_{FE}

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)		