

/ Descriptions

WR0<50 P М М Ё QSQ æ М ы s ll 1 Silicon NPN transistor in a TO-92LM Plastic Package.

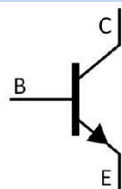
/ Features

т ρ я ∪ H ι ъ 5VE4576 Ы ´
Low V_{CE(sat)},complementary pair with 2SB1243.

/ Applications

т ρ я ∪ H ι ъ 5VE4576 Ы ´
General power amplifier applications.

/ Equivalent Circuit



/ Pinning



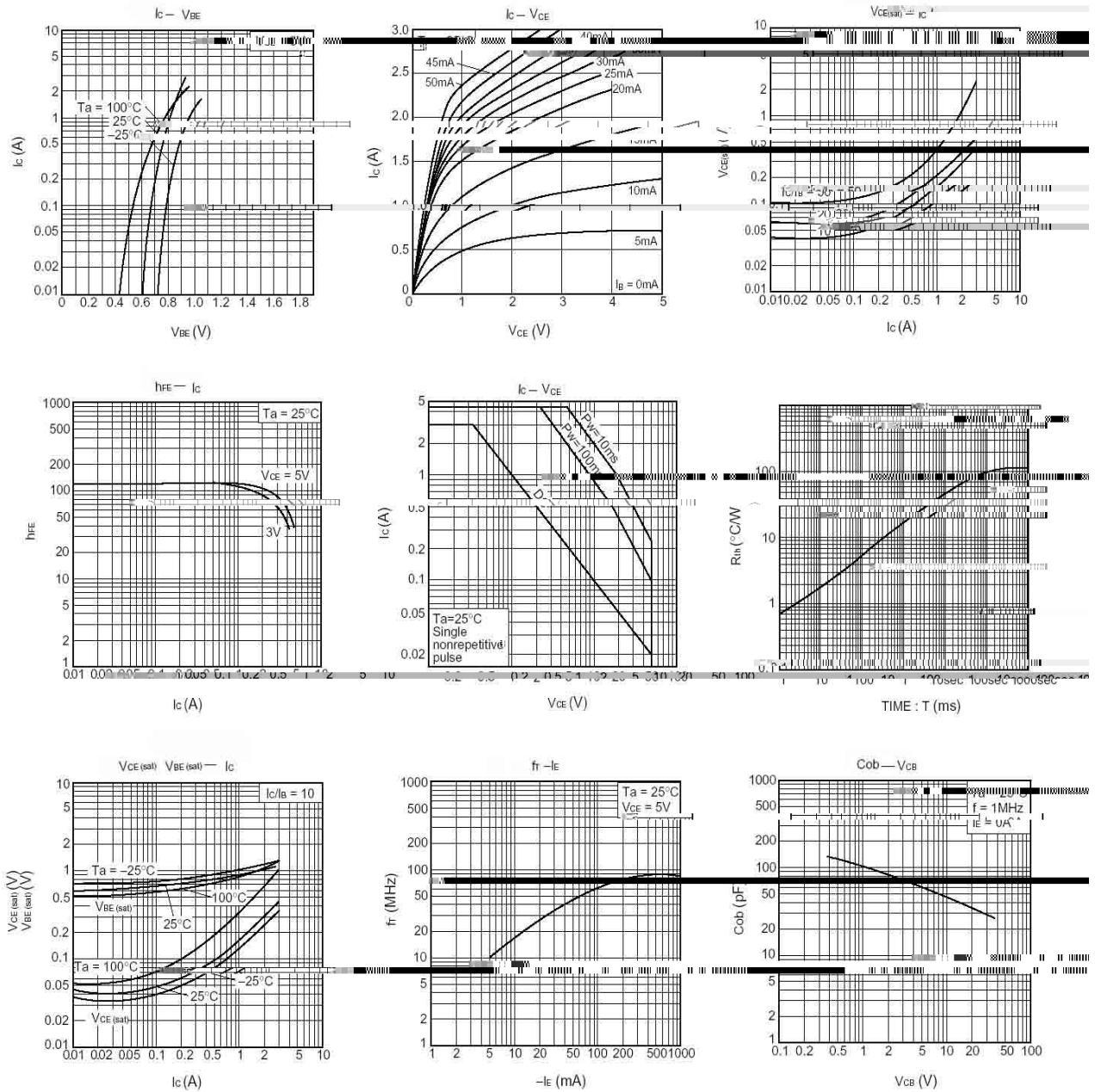
PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

/ h_{FE} Classifications & Marking

h _{FE} Classifications Symbol	P	Q	R
h _{FE} Range	82 180	120 270	180 390

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}	5.0	V
Collector Current (DC)	I_C	3.0	A
Collector Current (Pulse)	I_{CP}	4.5	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55	

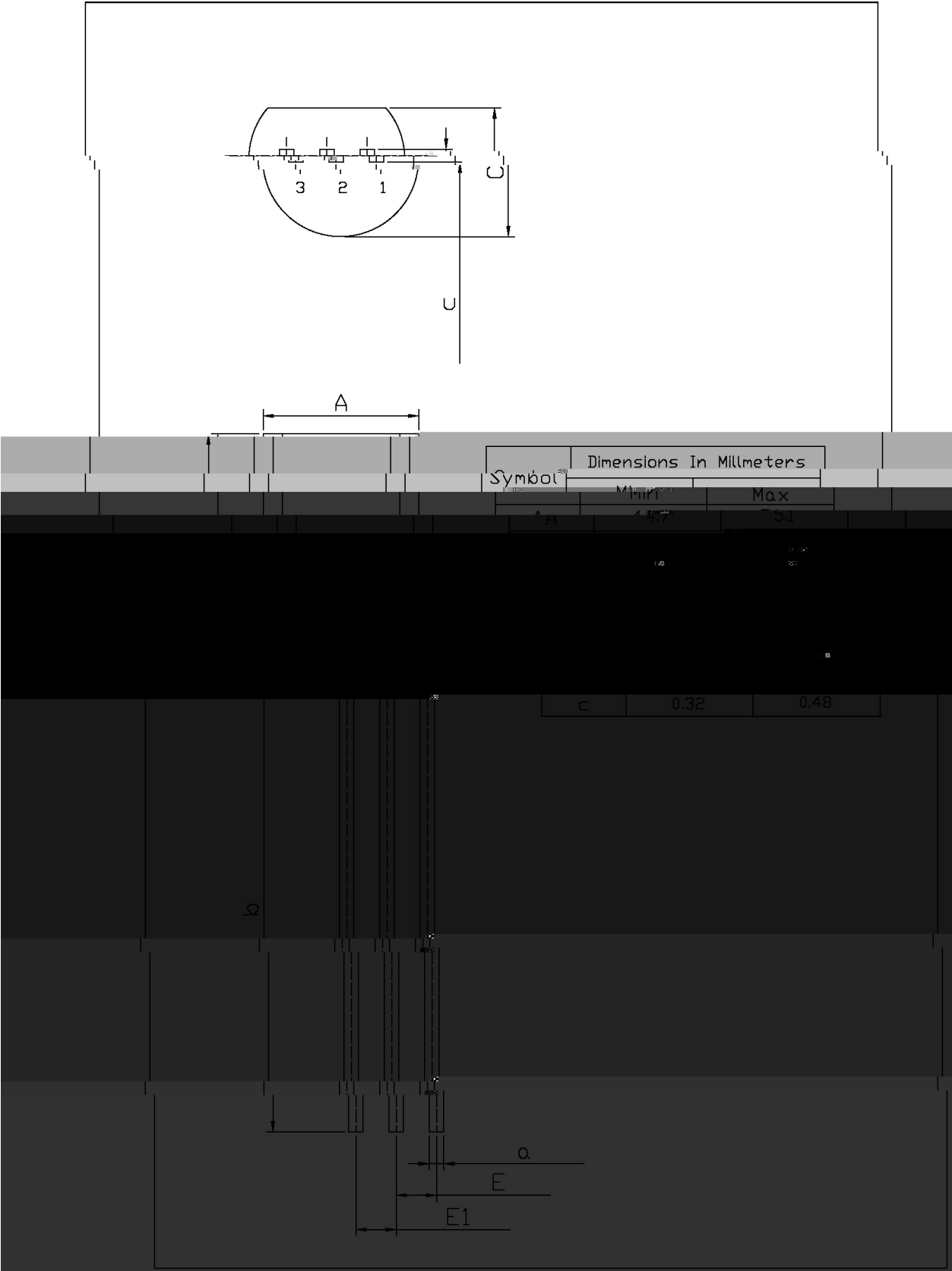
/ Electrical Characteristic Curve



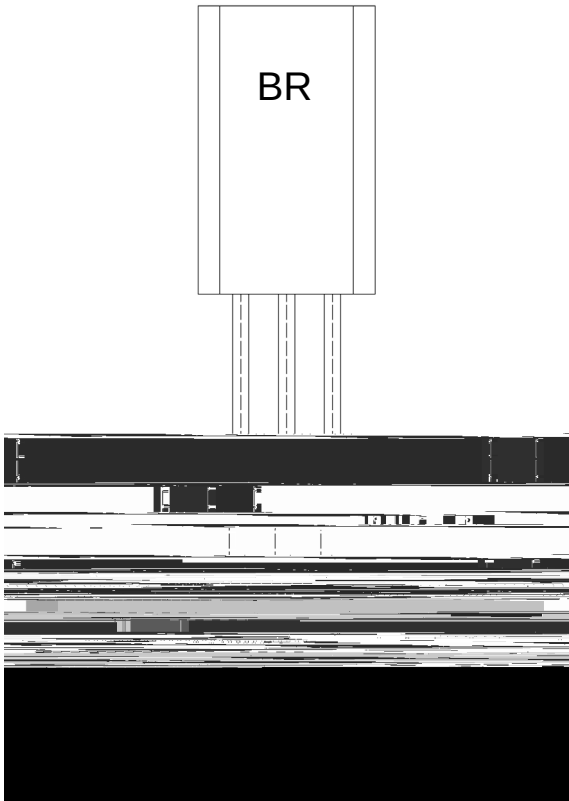
/ Package Dimensions

TO-92LM

Unit: mm

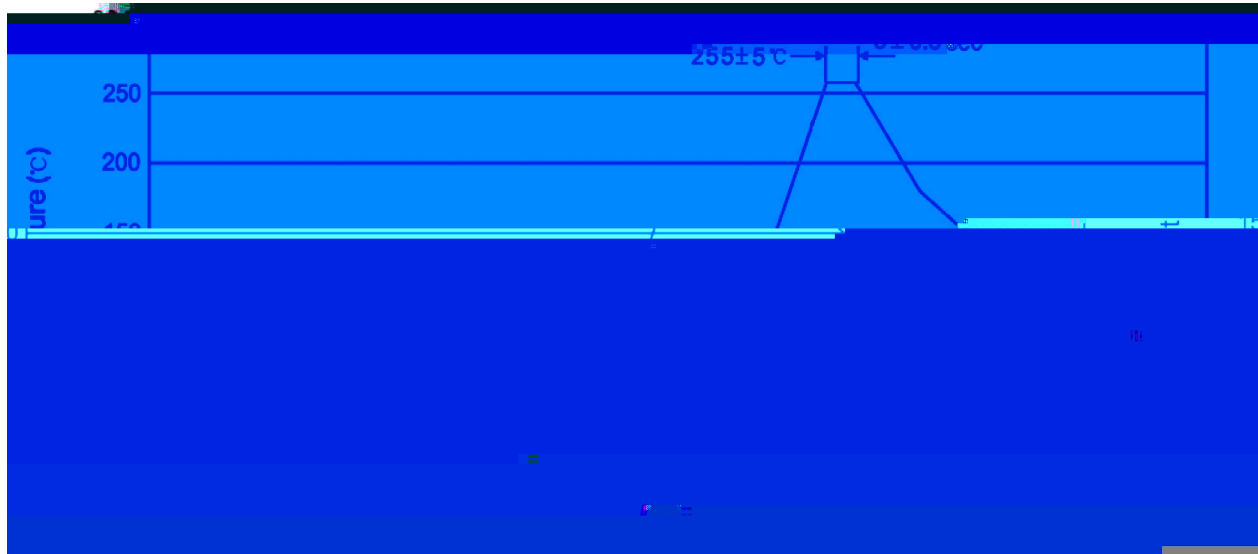


/ Marking Instructions



BR	Company Code
D1864	Product Type
P	h_{FE} Classifications Symbol
****	Lot No. Code,code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



说明

1. 预加热: 25~150℃, 时间: 60~90sec;
2. 峰值温度: 255±5℃, 时间: 5±0.5sec;
3. 冷却速度: 2~10℃/sec.

Note:

1. Preheating: 25~150℃, Time: 60~90sec.
2. Peak Temp.: 255±5℃, Duration: 5±0.5sec.
3. Cooling Speed: 2~10℃/sec.

温度: 270±5℃, 时间: 10±1 sec.

Temp.: 270±5