2SA1700

Rev.E May.-2016

DATA SHEET

/ Descriptions

WR0585 [illegible] Silicon PNP transistor in a TO-252 Plastic Package.

/ Features

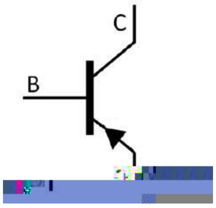
[illegible]

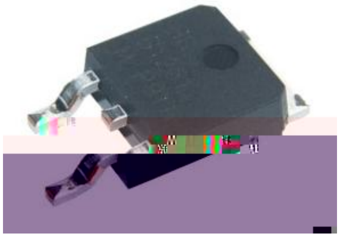
High breakdown voltage, adoption of MBIT process excellent h_{FE} linearity

[redacted]

[illegible]

High voltage driver applications.



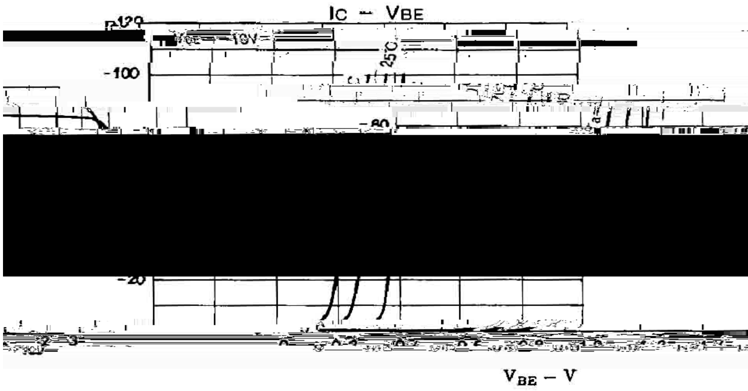


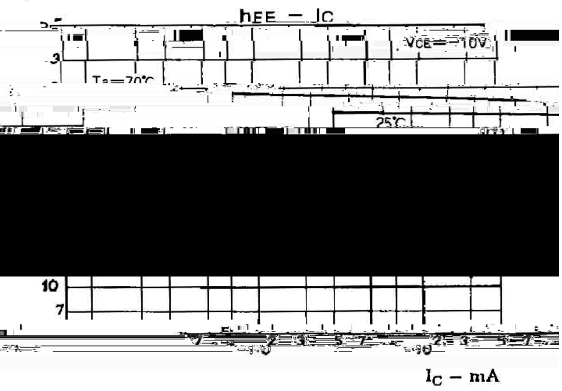
PIN1 χ Base PIN 2,4 χ Collector PIN 3 χ Emitter

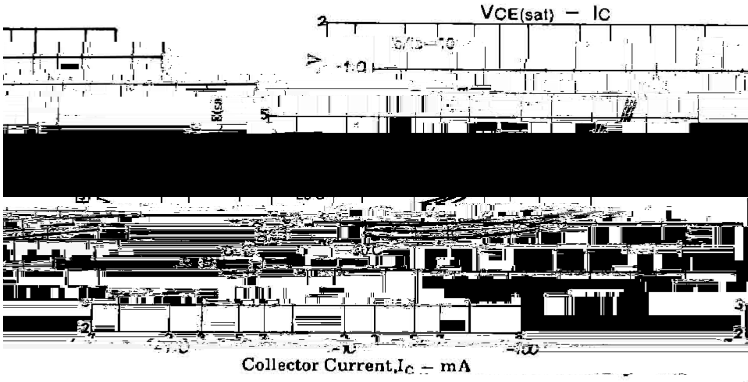
/ h_{FE} Classifications & Marking

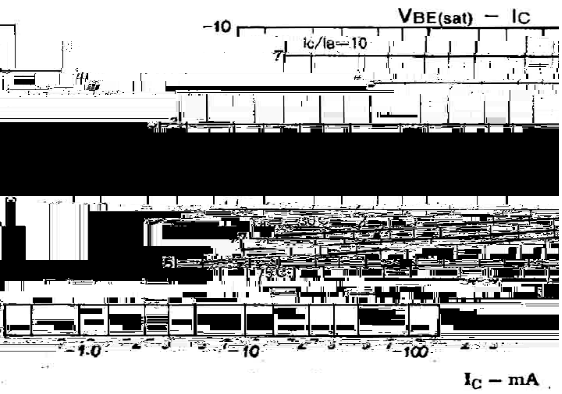
v ῞Ω̦ Parameter	ɺ ᴺ Symbol	῞Ω̦Ӫ Rating	ᴅ Ɉ Unit
Collector to Base Voltage	V_{CBO}	-400	V

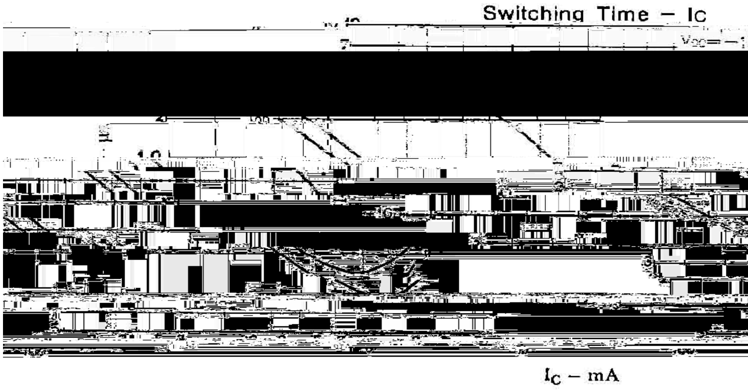
/ Electrical Characteristic Curve

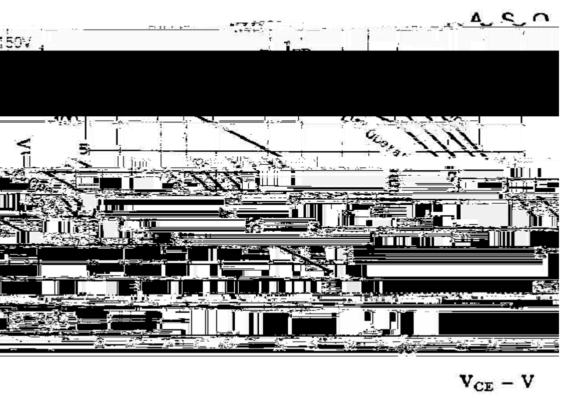


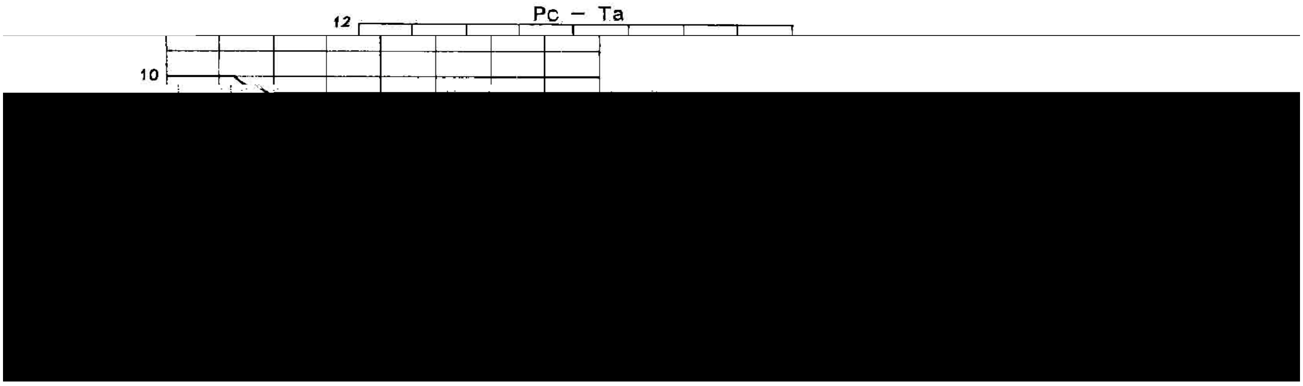










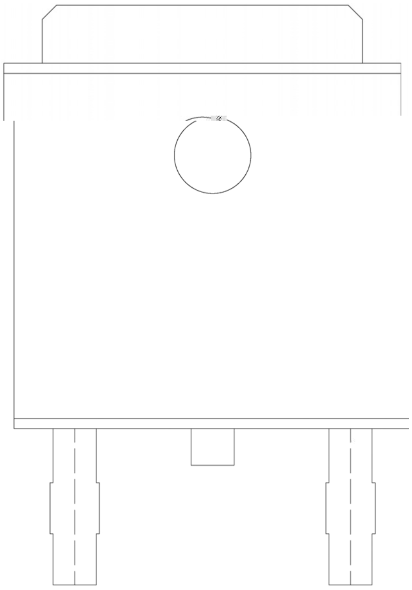


/ Package Dimensions

[illegible]	0.90	D	[illegible]	[illegible]	[illegible]	[illegible]
00	0.10	D1	5.10	5.50	K	0.

TO-252

/ Marking Instructions



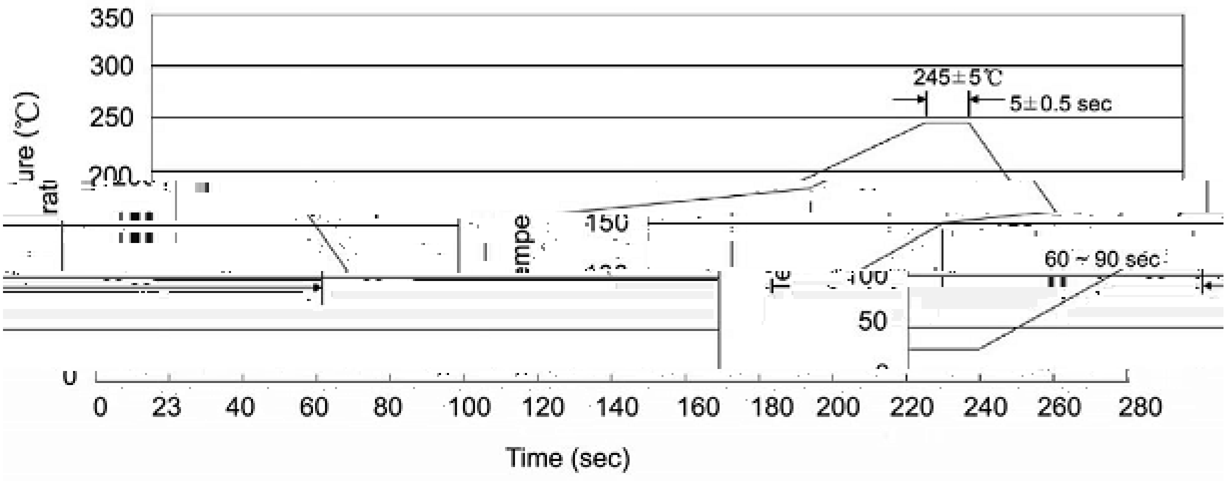
ب ˝ χ

BR χ	ﻴ ɿ ᶰ Ⴆ
A1700 χ	ﻴ ʒ ᴺ Ⴆ
D꞊	ﻴ h_{FE} ˂ ⁶ Ⴆ
---- χ	ﻴ ꜗ ꞙ ῄ ᴺ Ⴆ ɩ ɞ ꜗ ꞙ ῄ ᴺ ᴪ ק

Note:

BR: A13( )Tj22[/TT7 WÀ0FÖ Company

(　　) / Temperature Profile for IR Reflow Soldering(Pb-Free)



ب ˝ χ
1　ʅ ♬ □ ŷ 25 Ḱ 150 ɫ ı `H ڙ 60 Ḱ 90sec;
2　Ś Ӫ □ ŷ 245 ° 5 ɫ ı `H ڙ ʿY ʎ ʬ 5 ° 0.5sec;
3　ì ˙ Ϋ ˛ ɔ ه ŷ ʬ 2 Ḱ 10 ɫ /sec.

Note:
1.Preheating:25~150 ɫ , Time:60~90sec.
2.Peak Temp.:245 ° 5 ɫ , Duration:5 ° 0.5sec.
3. Cooling Speed: 2~10 ɫ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ŷ χ 260 ° 5 ɫ　　`H ڙ χ 10 ° 1 sec.

Temp.:260±5　　Time:10±1 sec

/ Packaging SPEC.

ɕ ` ɣ ŀ / REEL

Package Type	Units				Dimension	(unit　mm^3)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /		