

DTA143TKA

Rev.B Mar.-2025

5 é / Descriptions

9 5 : .> / / x J· 6 4 6 â Silicon PNP Digital transistor in a SOT-23 Plastic Package.

α a / Features

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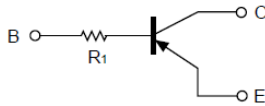
With built-in bias resistors, simplify circuit design, reduce a quantity of parts and manufacturing process, HF Product.

Đ ÷ / Applications

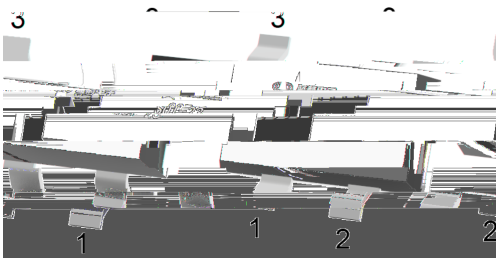
9 ...o F, Ło µ Ł Y C Ü Ł o

Switching, inverter circuit, interface circuit and driver circuit applications.

Ã W]Ô· / Equivalent Circuit



•Û - æ / Pinning



PIN 1 yBase

PIN 2 yEmitter

PIN 3 yCollector

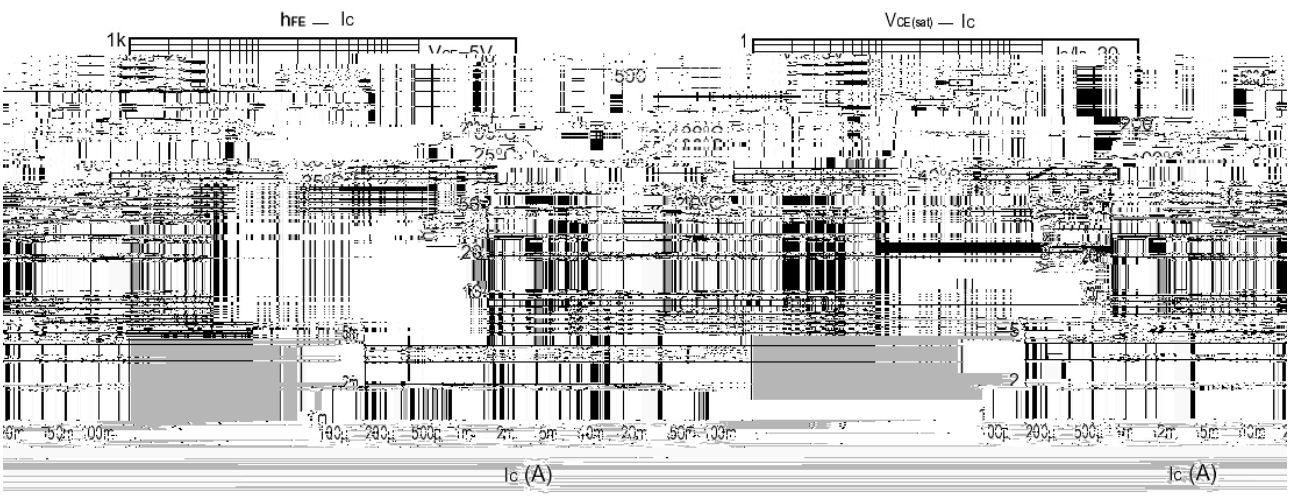
Z Ü B , M V / hFE Classifications & Marking

Marking	H93
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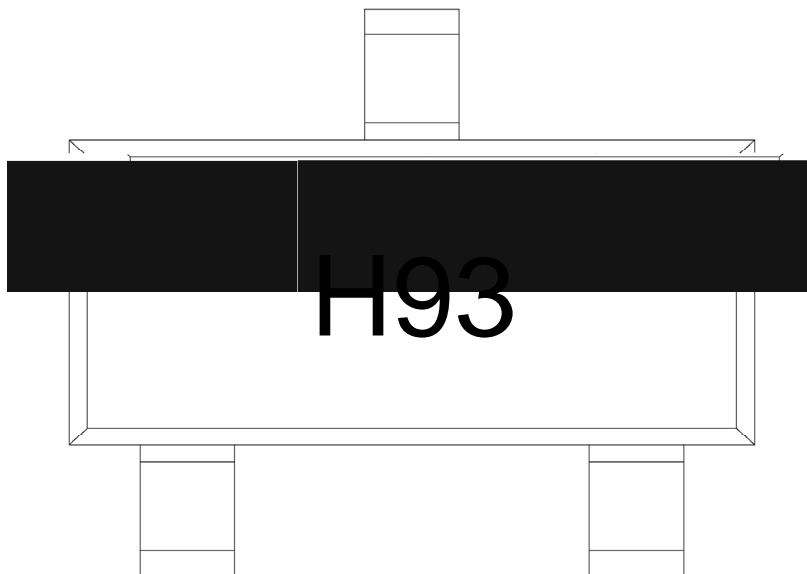
@ Parameter	Z Symbol	Rating	% y Unit
Collector-Base Voltage	V_{CBO}	-50	V
Collector-Emitter Voltage	V_{CEO}	-50	V
Emitter-Base Voltage	V_{EBO}	-5	V
Collector Current	I_C	-100	mA

Collec

Electrical Characteristic Curve



, M y f / Marking Instructions



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93 y " Z W A

Note:

. y Company Code

93 y Product Type Code

šWD t...•Žç (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

" ç y
 1o ~ %o 150 %180 - k 60 %90sec;
 2o Q 245 r5 - k 4 Ò 5 r0.5sec;
 3o D N ò i ÒO , 2 %10 - /sec.

Note:
 1.Preheating:150~180 - , Time:60~90sec.
 2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
 3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ~ »] / Resistance to Soldering Heat Test Conditions

y 260 r5 - y 10 r1 sec. Temp.:260±5 Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type	Units ;>û !H	Dimension ;>û p .	(unit Åmm³)
7>û ~ E			