/ Descriptions

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;@A@%.1#>?>#B@C@&D&#<9D17@7&.9#@1#D#;$<'=(=#?&D7&@%#?D%EDC !#

#

/ Features

F@&2#8G@A&'@1#8@D7#9 7@7&.97H#7@:3A@/I#%@9%G@&#J 7@C1H#9 JG% #D#KGD1&@&I#./#3D9&7#D1J#:D1G/D%&G9@1C#

39.% 77HLM#?9.JG%&!#

#

/ Applications

;6@&%2@1C#,1 9& 9#%@9%G@&H#,1& 9/D% #%@9%G@&#D1J#J9@ 9#%@9%G@&#D33A@%D&@.17!#

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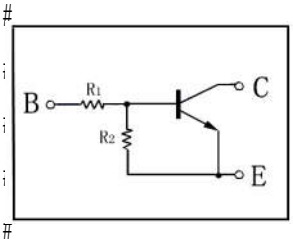
#

/ Equivalent Circuit

#



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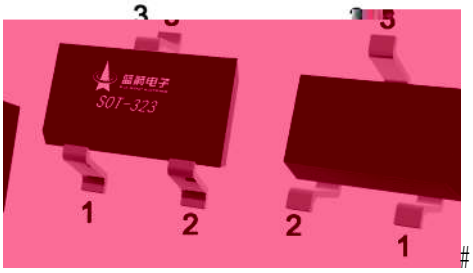
/ Pinning



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/ h_{FE} Classifications & Marking

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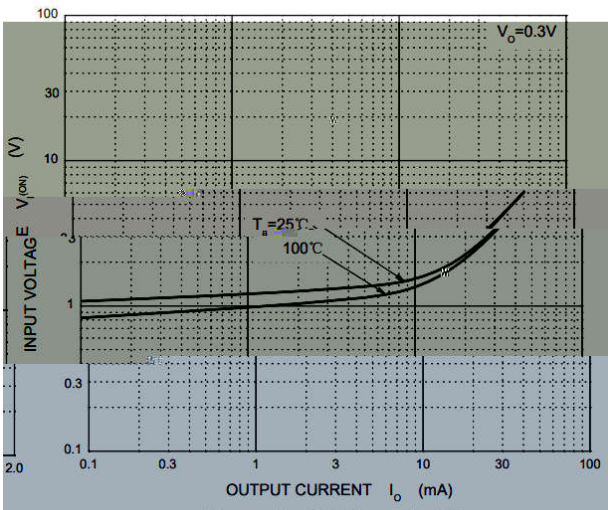
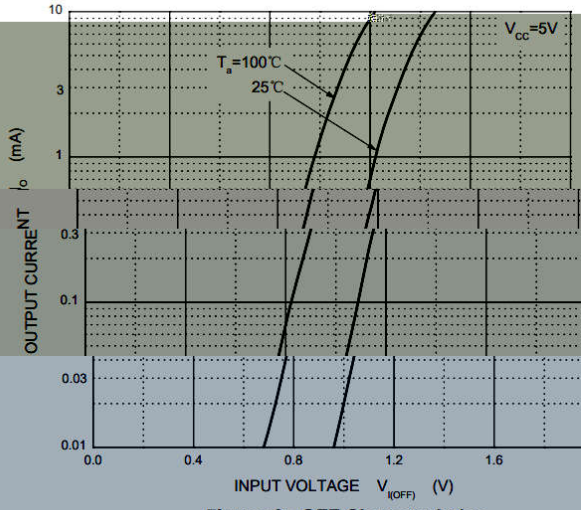
# ?D9D :ضظ& 9#	# ; I : 8 . A#	# D&@1C#	# S1@&#
; G33A I#+ . A&DC #	+PP#	*)#	+#
,13G&#+ . A&DC #	+,>#	'N)#	+#
		R)#	+#
$G&3G&#PG99 1&#	,PQ#	N))#	: T#
	,$#	*)#	: T#
? . 6 9#B@77@3D&@ . 1#	?B#	())#	: F#
UG1%&@ . 1#< : 3 9D&G9 #	<\#	N*)#	℃#
;& . 9DC #< : 3 9D&G9 # D1C #	<7&C#	'**～N*)#	

/ Electrical Characteristic Curve

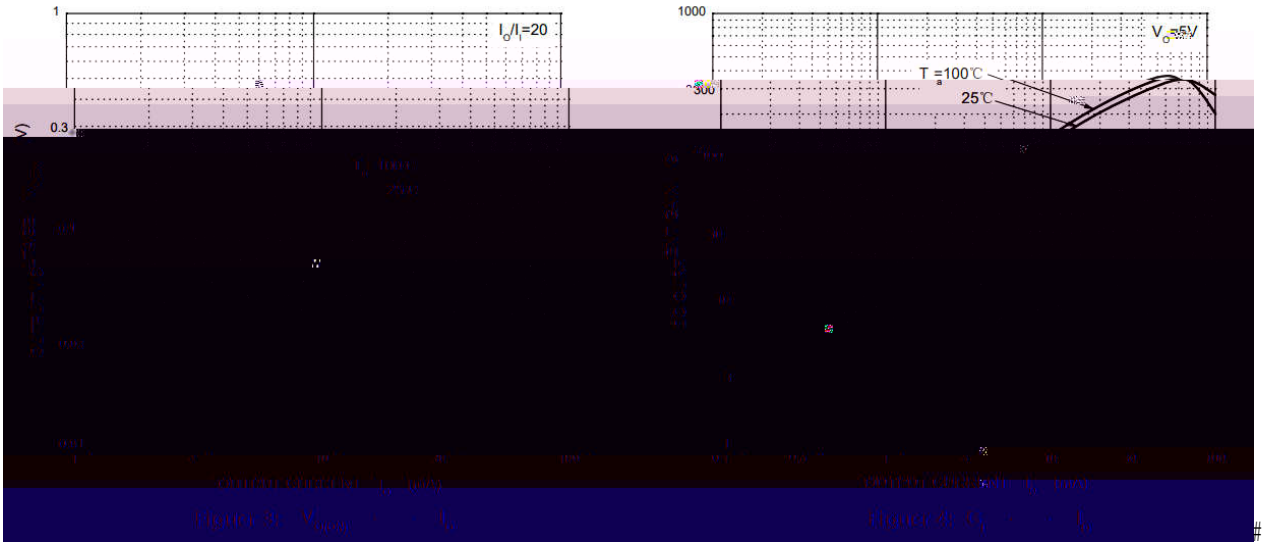


Figuer 1: ON Characteristics



Figuer 2: OFF Characteristics

#



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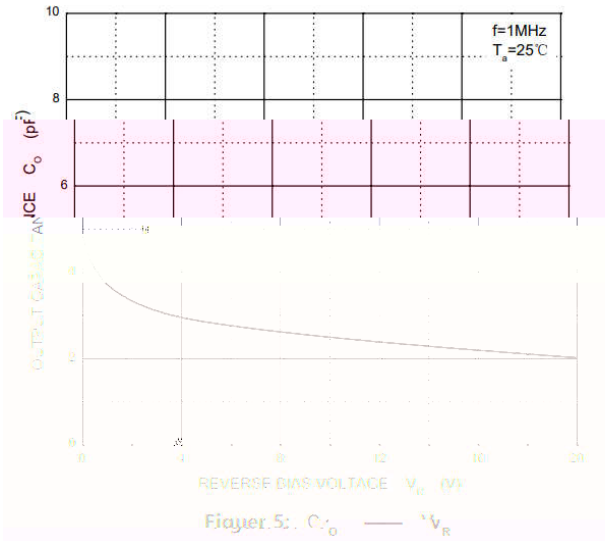
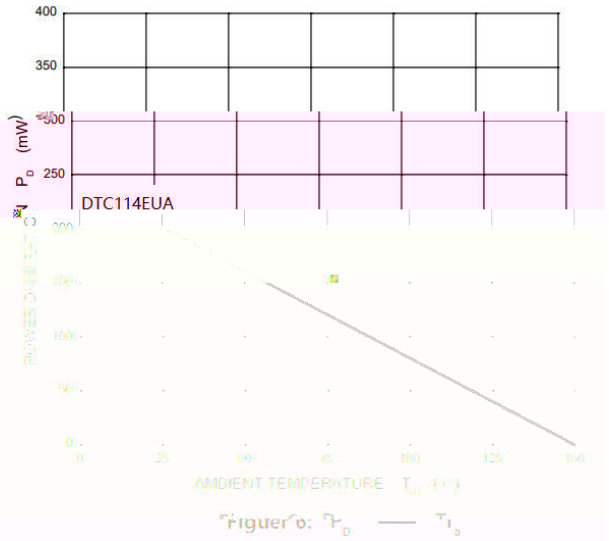
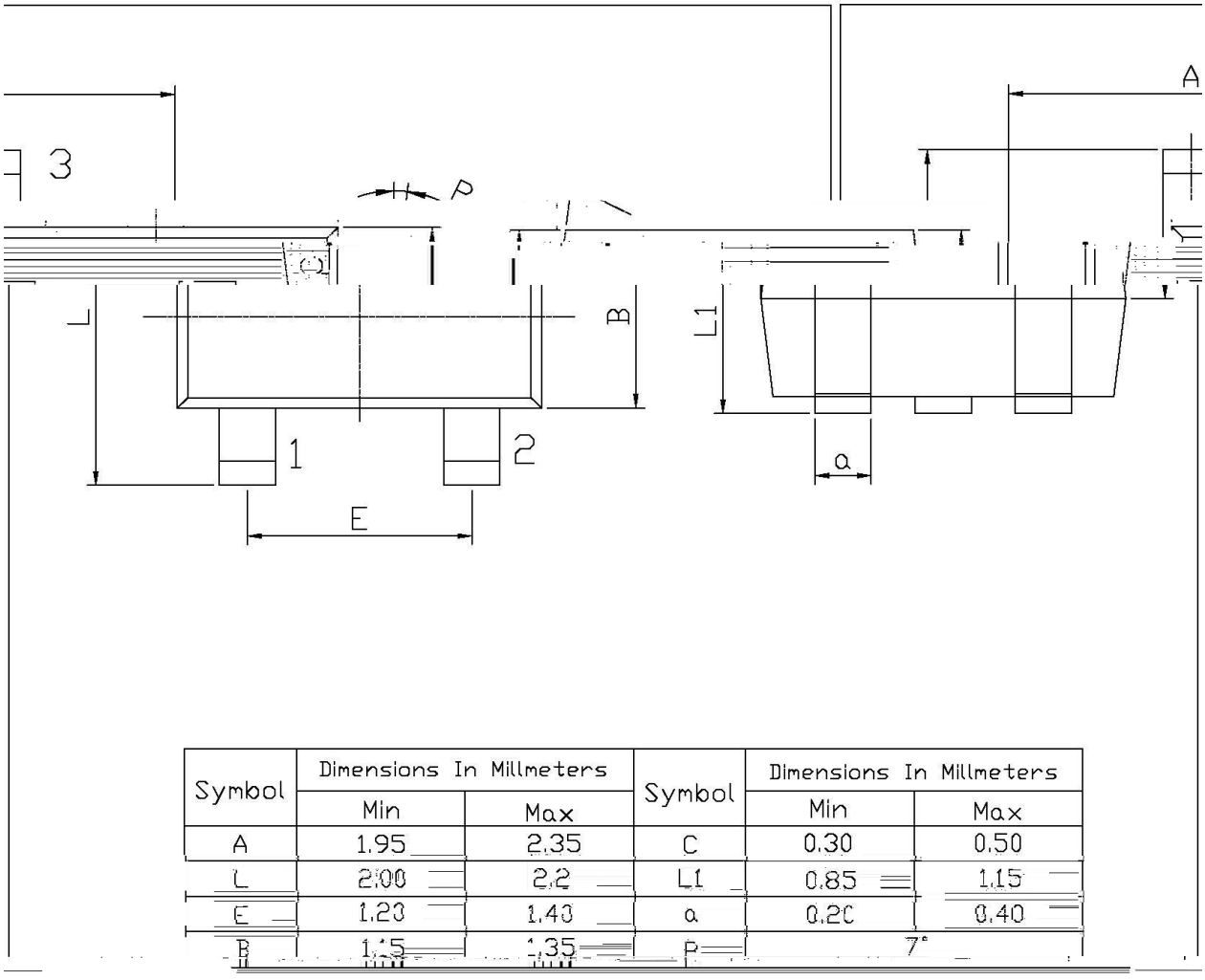


Figuer 5: C_O — V_R



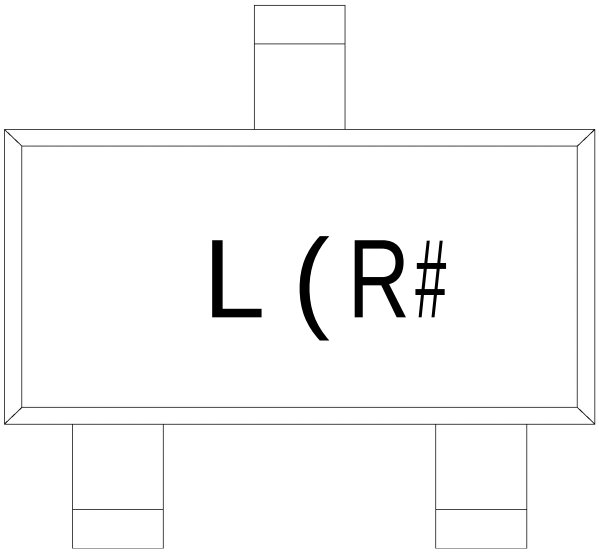
Figuer 6: P_D — T_a

/ Package Dimensions



Symbol	Dimensions In Millmeters		Symbol	Dimensions In Millmeters	
	Min	Max		Min	Max
A	1.95	2.35	C	0.30	0.50
L	2.00	2.2	L1	0.85	1.15
E	1.23	1.43	a	0.20	0.40
B	1.15	1.35	P	7°	

/ Marking Instructions



H

(R

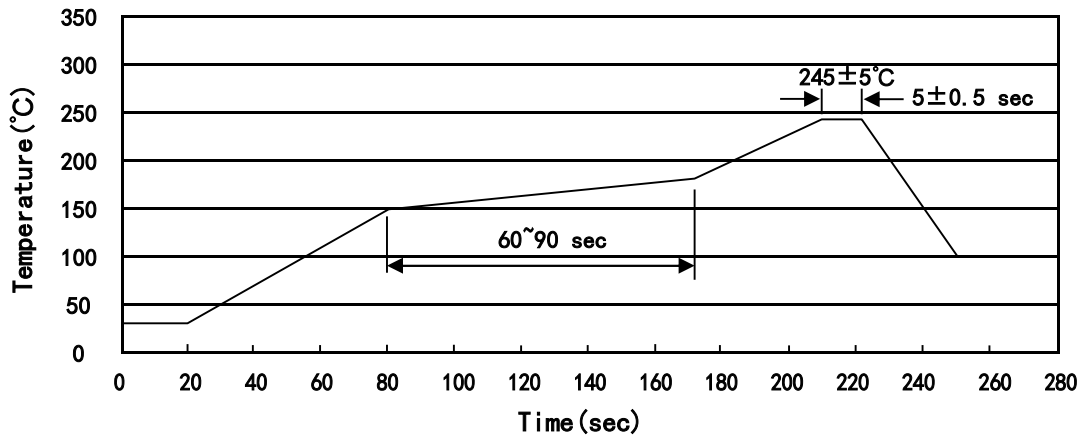
>.& 4#

H ## P.:3D1I#P.J #

(R ?9.JG%&#<I3 #P.J #

#

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



>.& 4#

N N*) NZ) `) a)7 %b# # # N!?9 2 D&@1C4N*)cNZ) H#<@: 4`)ca)7 %!#

((R*±* *±)!*7 %b# # (!? DE#< :3!4(R*±* H#BG9D&@.14*±)!*7 %!#

= (N) 57 %!# # # # =!P..A@1C#;3 J4#(cN) 57 %!#

#

/ Resistance to Soldering Heat Test Conditions

(`)±* # # N)±N#7 %!## # # < :3!4(`)d*℃# # <@: 4N)dN#7 %#

#

/ Packaging SPEC.

##5## "'e#

?D%EDC #<I3 # 封装形式#	S1@&7 包装数量#					B@: 17@.1## 包装尺寸##-G1@&: ::=0#		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
;$<'=(=#	=H)))#	N)#	=)H)))#	`#	NZ)H)))#	]" fZ#	NZ)fN()fNZ)#	=a)f=Z*f()*#

#

/ Notices

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