

[illegible]

BRD8050WS



!"#\$%&'()*+,-./:;<=>?@A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [\] ^ _ ` { | } ~ # 1 2 3 4 5 6 7 8 9 0

/ Descriptions

SOT-363 塑封封装双 NPN 半导体三极管。
Double 1676%48#9 : 9#&3 ; 8161&43#68# ; #<\$='>?># : 7 ; 1&6%# : ; %@ ; A !#

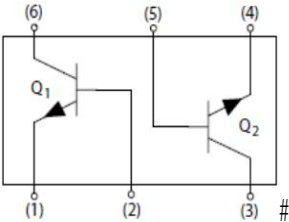
/ Features

与 BRD8550WS 互补。无卤产品。
B45 , 7 5 8& ; 3C# , ; 63# / 6&+#" DEFF) G <! H I# : 34JK%&!#

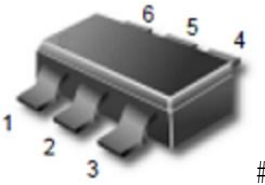
/ Applications

用于功率放大电路。
: 4 / 3# ; 5 , 7606 3# ; , , 76% ; &648!#

/ Equivalent Circuit



/ Pinning



: L9#*、M : N56&& 3# # : L9#(、F : " ; 1 # # : L9#>、? : B477 %&43#
#

/ hFE Classifications & Marking

+ _{IN} #B7 ; 11606% ; &6481# <C5 247#	"#	B#	D#
+ _{IN} # ; 8A #	EFO*?)#	* () 0 () #	* ?) 0 >)) #
P ; 3@68A#	HQ*"#	HQ*B# # #	HQ*D#

/ Absolute Maximum Ratings(Ta=25)

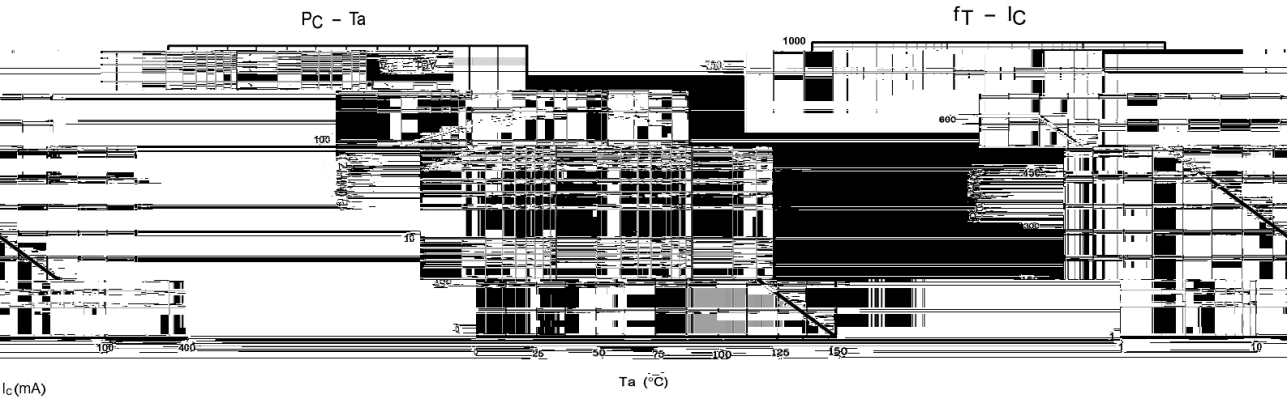
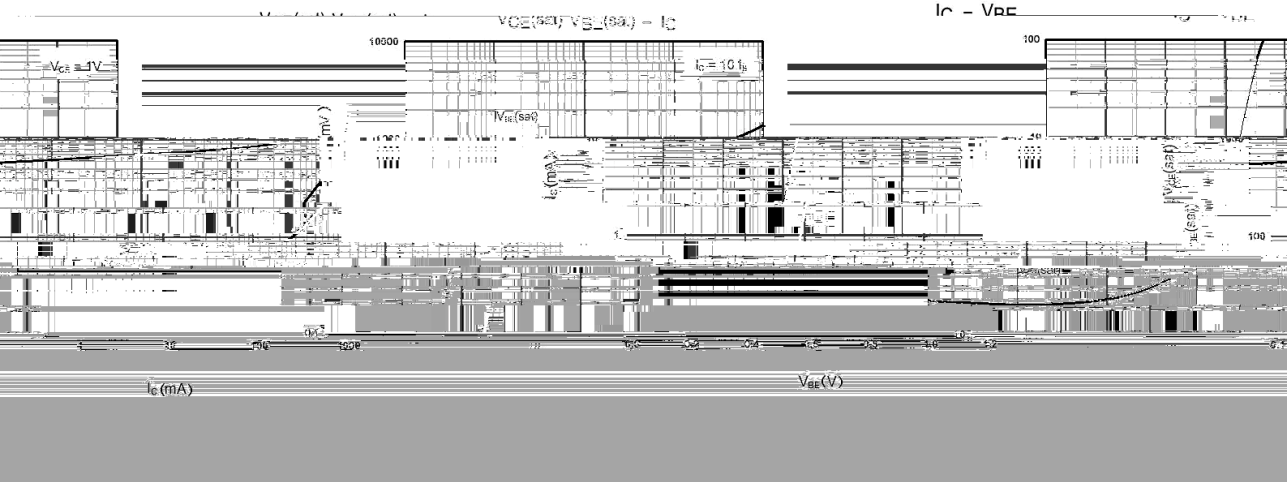
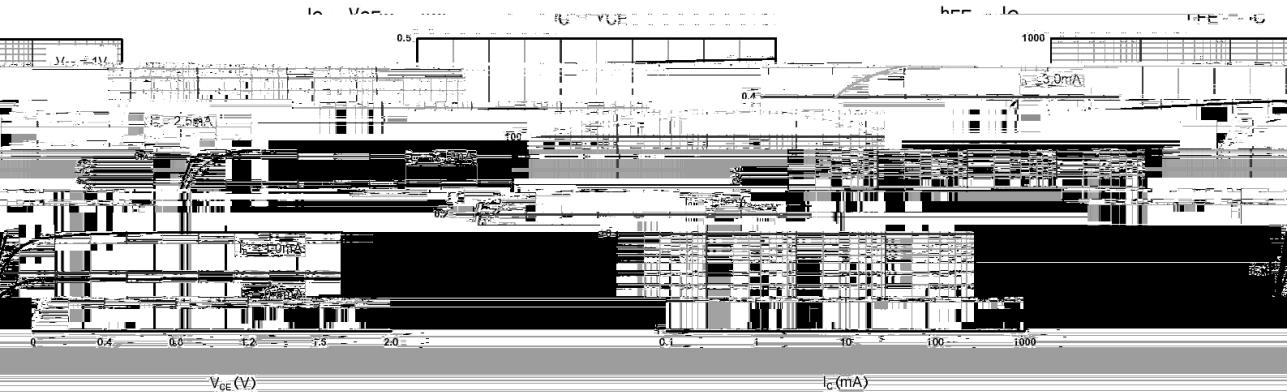
# : ; 3; 5 & 3#	# <C5 247#	# ; & 8A#	# R8&#
B477 %&43#&4#" ; 1 #S47& ; A #	S _B "\$#	M)#	S#
B477 %&43#&4#N5 6&& 3#S47& ; A #	S _{BNS} #	(F#	S#
N5 6&& 3#&4#" ; 1 #S47& ; A #	S _N "\$#	?#	S#
B477 %&43#BK33 8&#	L _B #	*!F#	T#
B477 %&43# : 4 / 3#D6116 , ; &648#	: B#	?(F#	5 G#
UK8%&648#= 5 , 3; &K3 #	= _V #	*F)#	°C#
<&43; A # = 5 , 3; &K3 # ; 8A #	= _{1A} #	'FF~*F)#	°C#

#

/ Electrical Characteristics(Ta=25)

# : ; 3 ; 5 & 3#	# <C5 247#	# = 1#B48J6&481#	# P68#	# =C, #	# P ; W#	# R86&#
B477 %&43#&4#" ; 1 #"3 ; @J4 / 8# S47& ; A #	S _B " \$#	L _B X)!* 5 T## L _N X)##	M)#	#	#	S#
B477 %&43#&4#N5 6&& 3#"3 ; @J4 / 8# S47& ; A #	S _{BN} \$#	L _B X(!) 5 T# L _N X)#	(F#	#	#	S#
N5 6&& 3#&4#" ; 1 #"3 ; @J4 / 8# S47& ; A #	S _N " \$#	L _N X)!* 5 T# L _B X)##	?!)#	#	#	S#
B477 %&43#BK&' \$00#BK33 8&#	L _B " \$#	S _B "X>FS# L _N X)#	#	#	)!*\$#	YT#
N5 6&& 3#BK&' \$00#BK33 8&#	L _N " \$#	S _N "X?!)S# L _B X)#	#	#	)!*\$#	YT#
DB#BK33 8&#Z ; 68#	+ I _N [* \#	S _{BN} X*!)S# L _B X*)) 5 T#	EF#	#	>))#	#
	+ I _N (\#	S _{BN} X*!)S# L _B XE)) 5 T#	M)#	#	#	#
	+ I _N >\#	S _{BN} X*!)S# L _B XF!) 5 T#	MF#	#	#	#
B477 %&43'N5 6&& 3#< ; &K3 ; &648# S47& ; A #	S _{BN} [1 ; \# #	L _B XE)) 5 T# L _N XE) 5 T#	#	)!(E#	)!F#	S#
" ; 1 'N5 6&& 3#< ; &K3 ; &648#S47& ; A #	S _N "N[1 ; \#	L _B XE)) 5 T# L _N XE) 5 T#	#	)!]E#	*!(#	S#
" ; 1 'N5 6&& 3#\$8#S47& ; A #	S _N "N[48\#	S _{BN} X*!)S# L _B X*) 5 T#	#	)!??#	*!)#	S#
=3 ; 816&648#I3 ^K 8%C#	0=#	L _B XF) 5 T# S _{BN} X*)S#	*))#	*])#	#	PH_#
B477 %&43#\$K& , K&#B ; , ; %6& ; 8% #	B ₄₂ ±	S _B "XF!)S# L _N X) 0X*!) PH #	#	]!)#	#	, I#

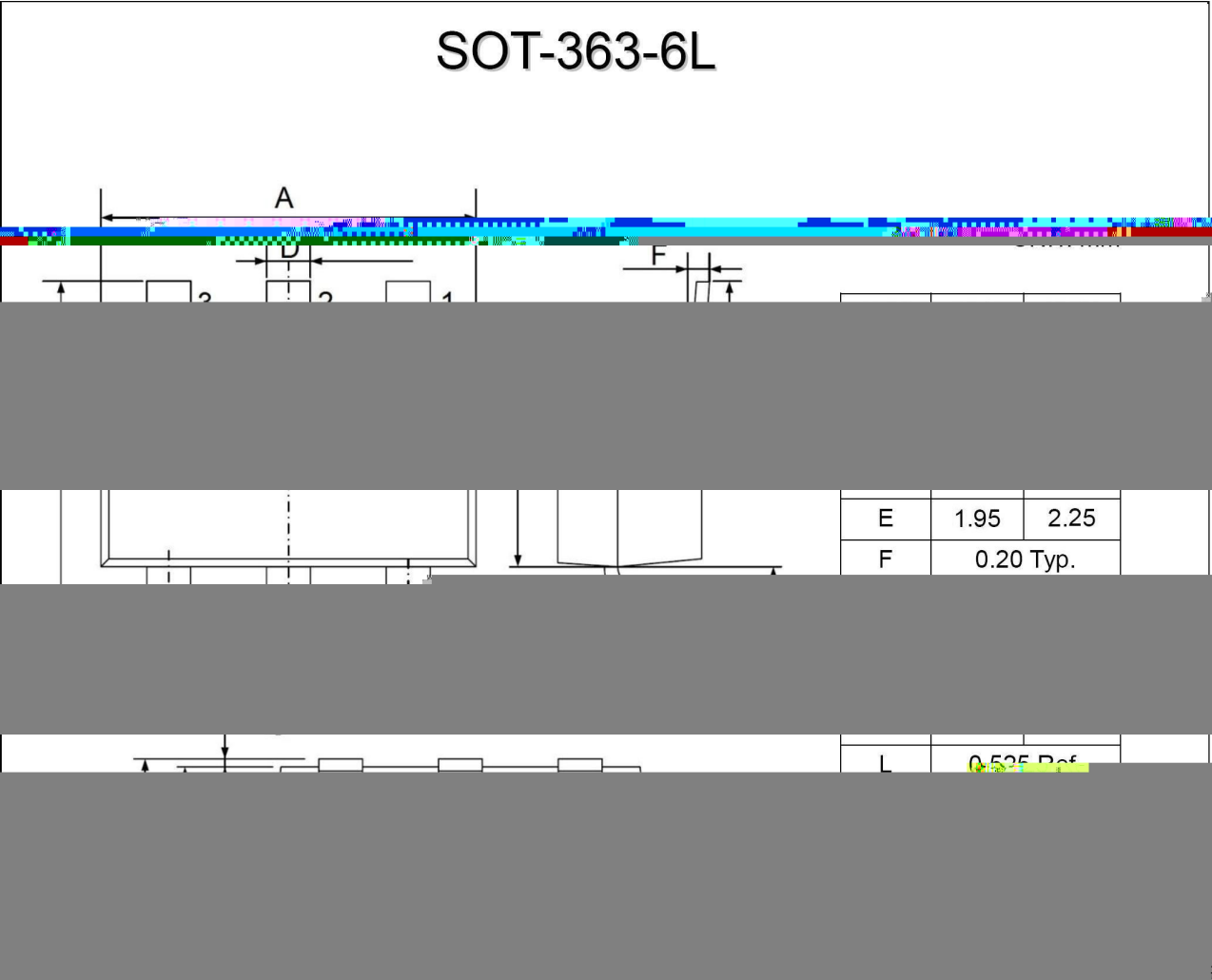
Electrical Characteristic Curve



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/ Package Dimensions

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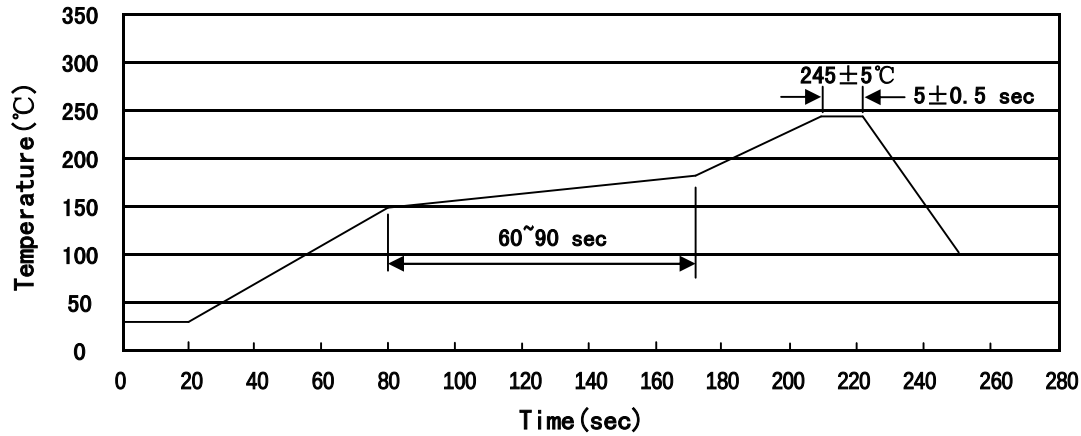
#

#

***:# # `4^!#B4J a#%4J #%+ ;8A # / 6&+#`4^!#

#

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



94k -#

* *F) *E) ?)] 1 %c# # # *! : 3 + ; & 8A-*F)O*E)°Ca# = 65 -?)O]) 1 %!#

((MF±F F±)!F1 %c# # (! : ;@# = 5 ,!-(MF±F°Ca#DK3; & 48-F±)!F1 %!#

> (*)°C.1 %!# # # # >! B44768A#<, J-#(O*)°C.1 %!#

#

/ Resistance to Soldering Heat Test Conditions

#

(?)±F°C# # *)±*#1 %!# # # # = 5 ,!-(?)dF°C# # = 65 -*)d*#1 %!#

#

/ Packaging SPEC.

.## NN`#

: ; % @ ; A # = C , # 封装形式#	R801 包装数量#					D65 81648# 包装尺寸## [K80: 5 5`#		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱		盒	箱
						"		

#

/ Notices

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